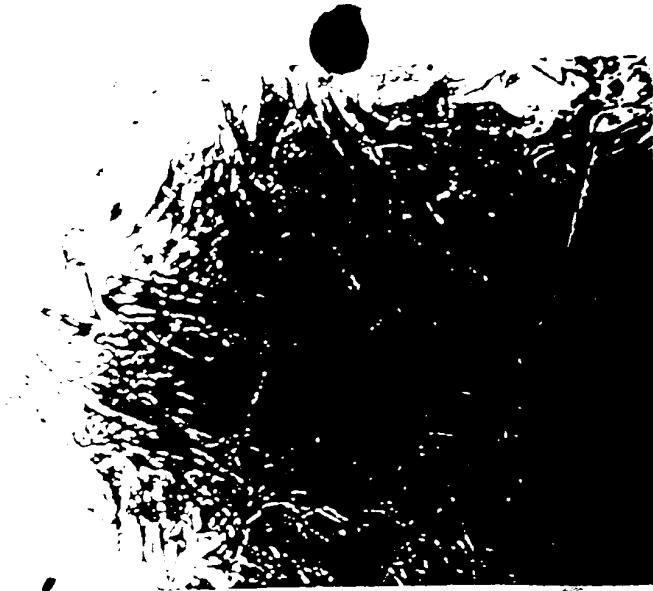


Figure 1

A



B



C



Figure 2

A



B



C

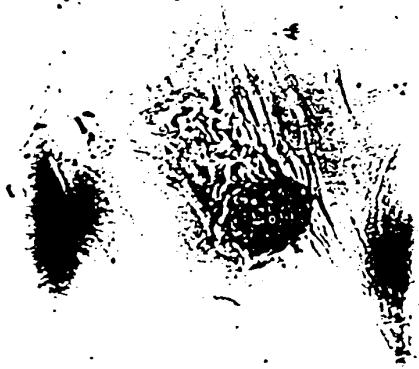
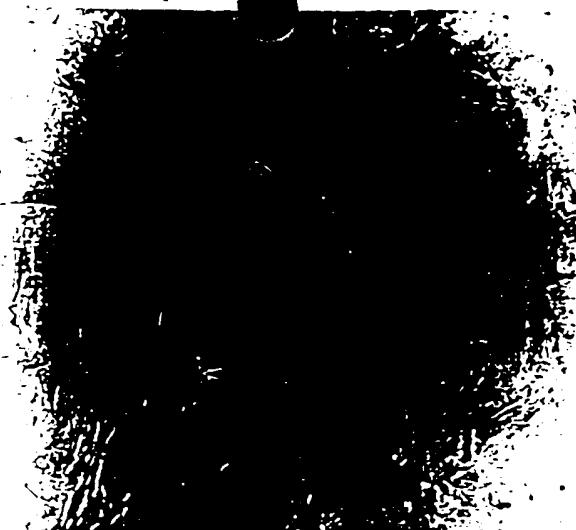


Figure 3

A



B



C

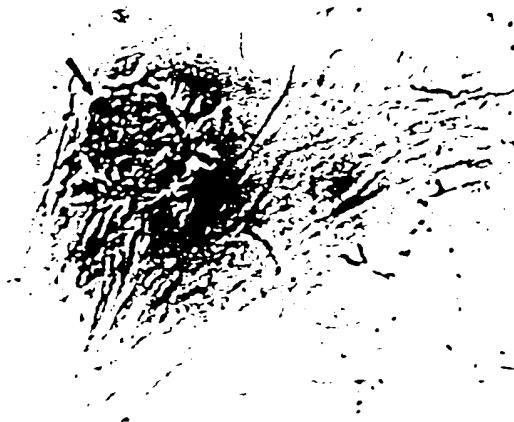


Figure 4

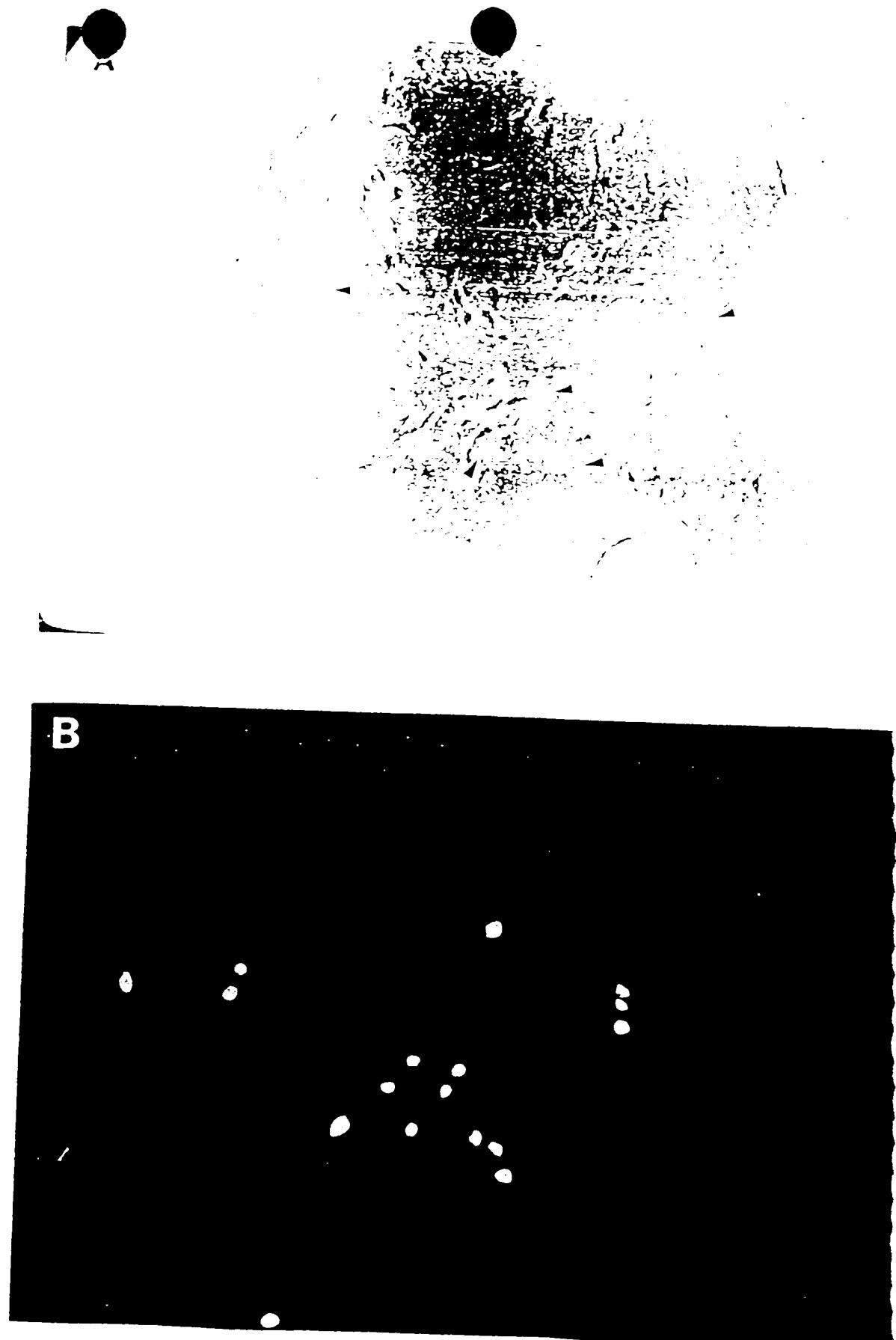


Figure 5

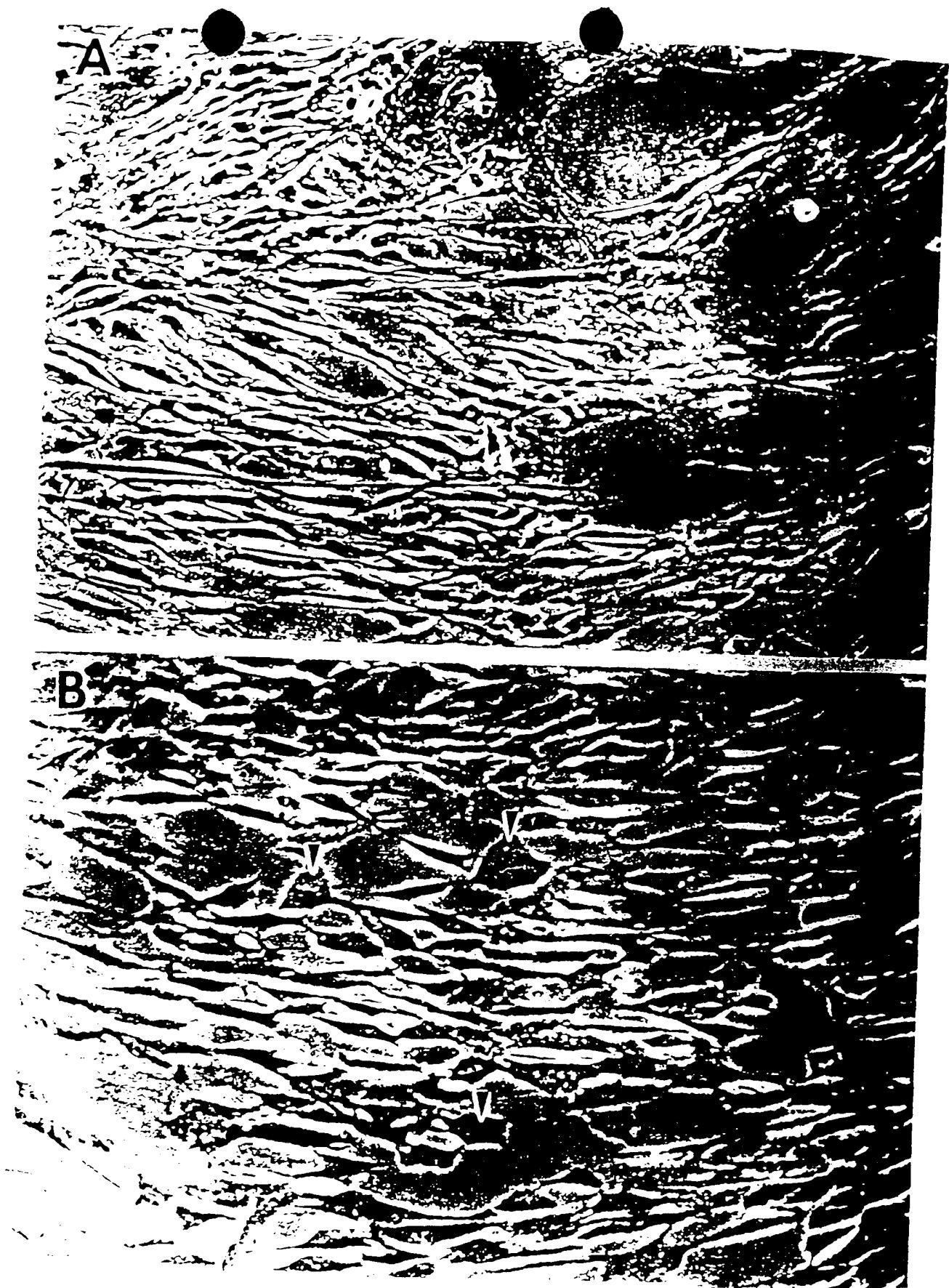


Figure 6

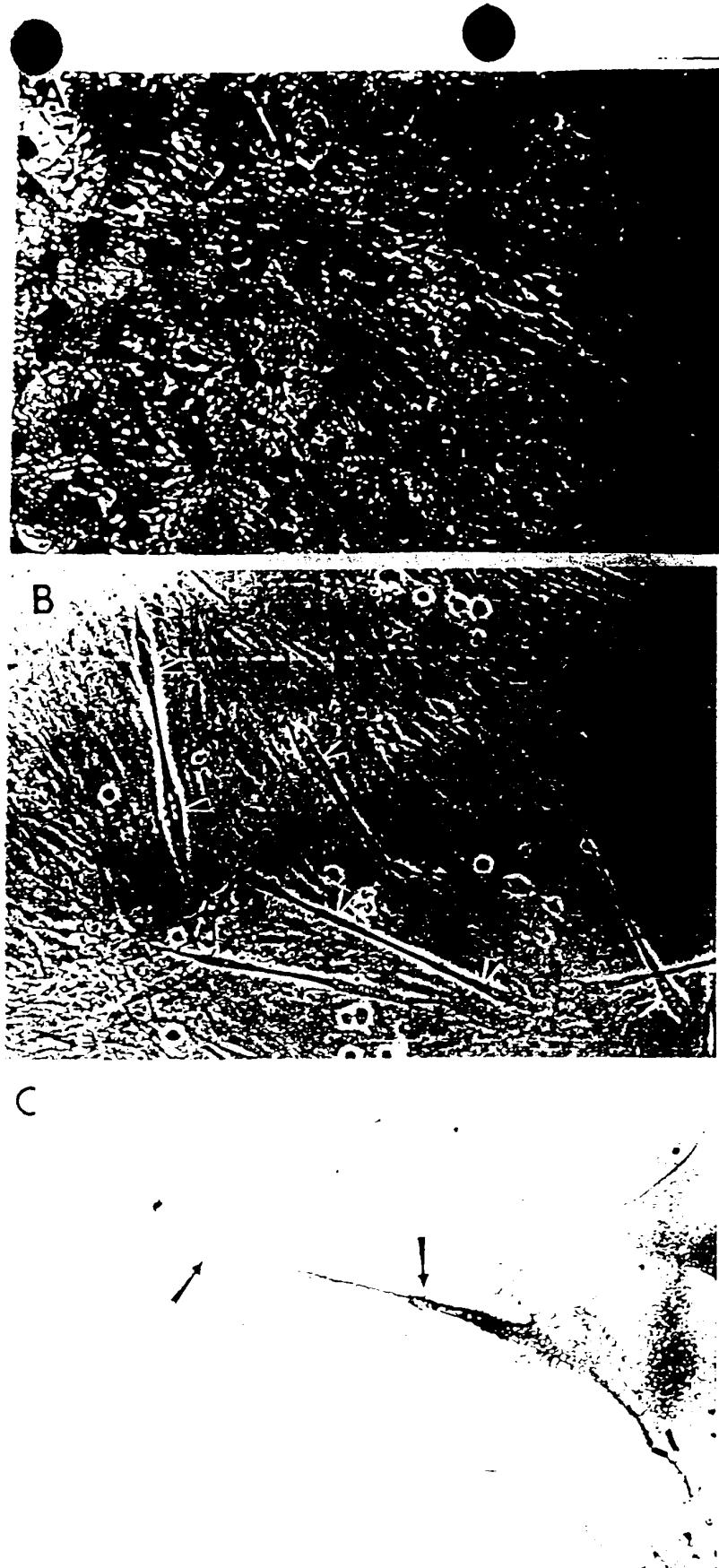


Figure 7

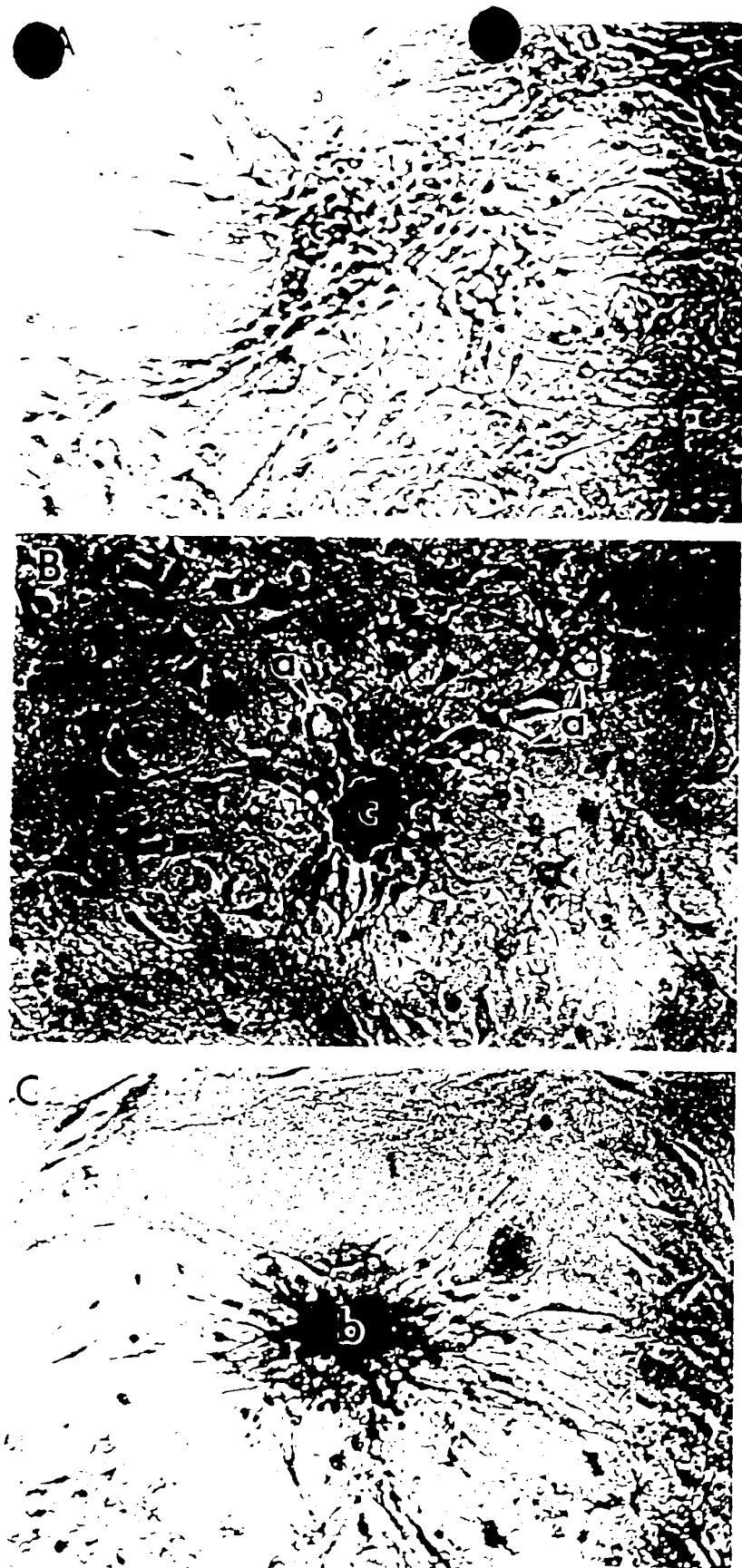


Figure 8

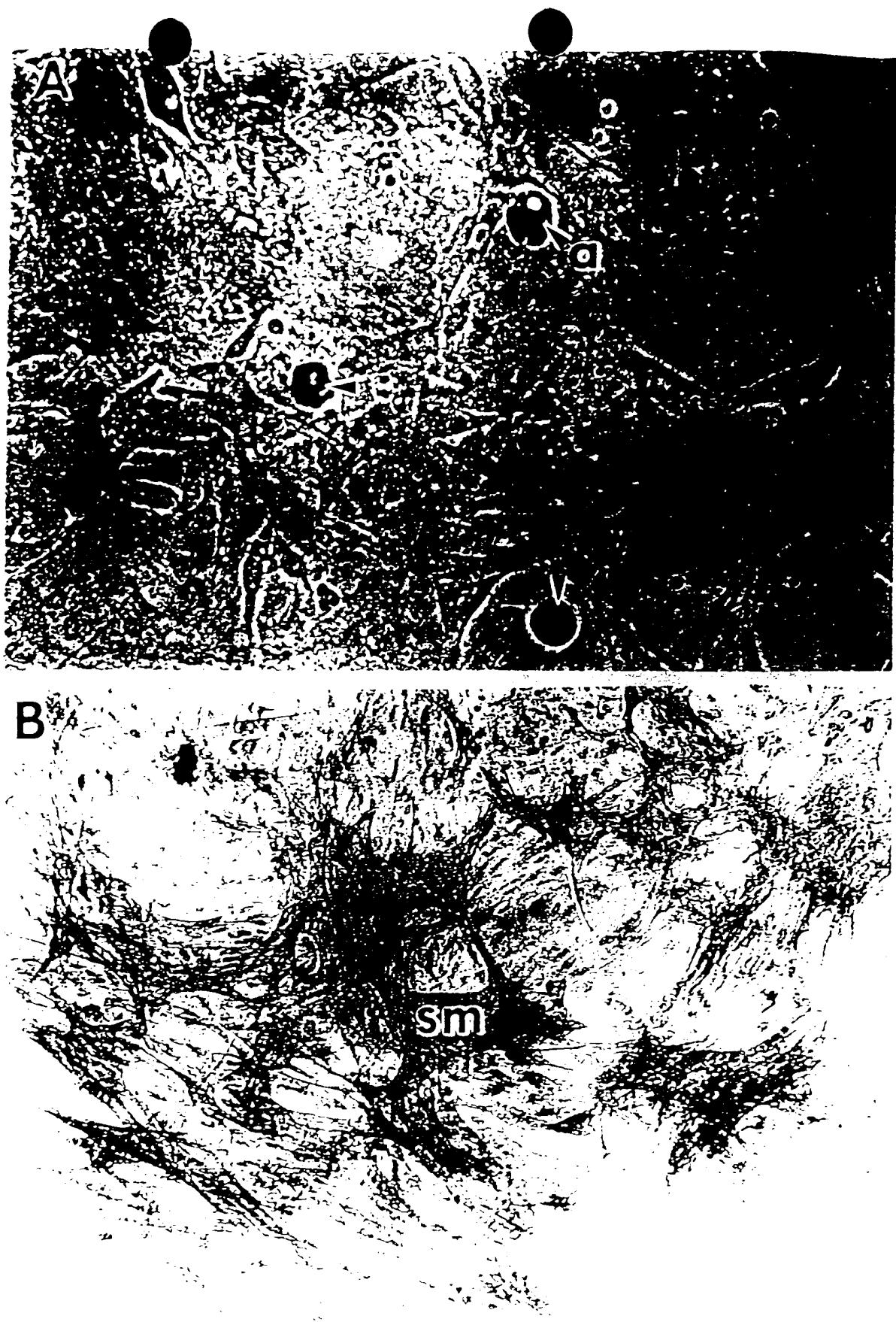


Figure 9

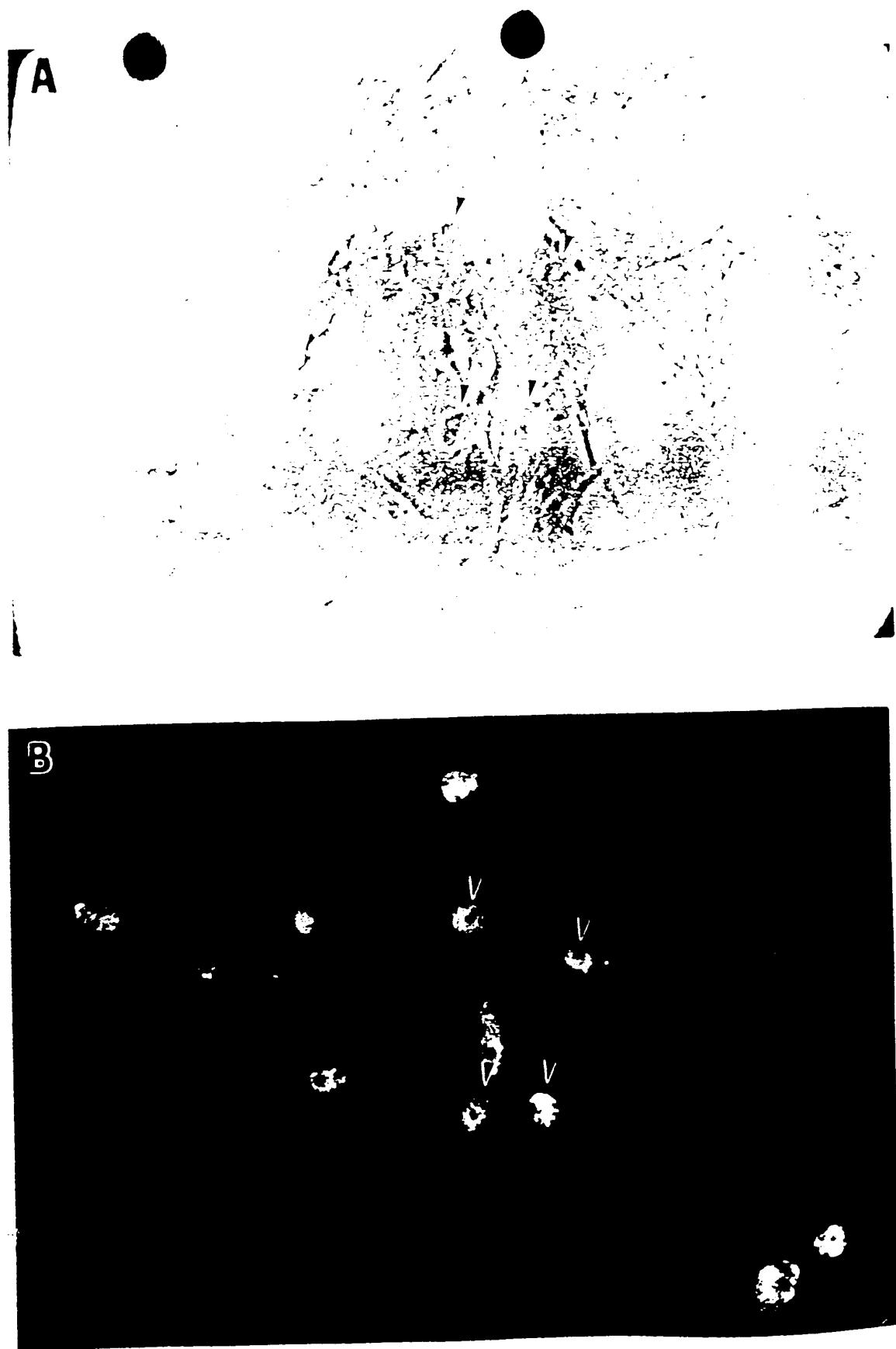


Figure 10

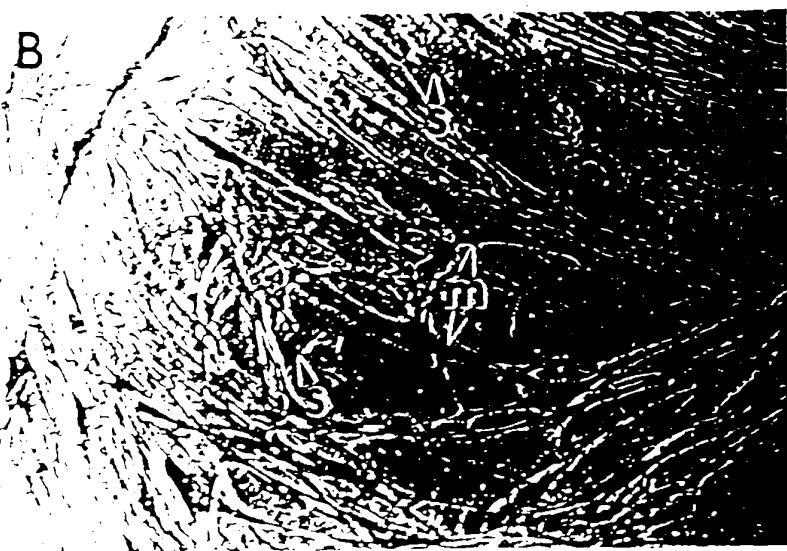


Figure 11

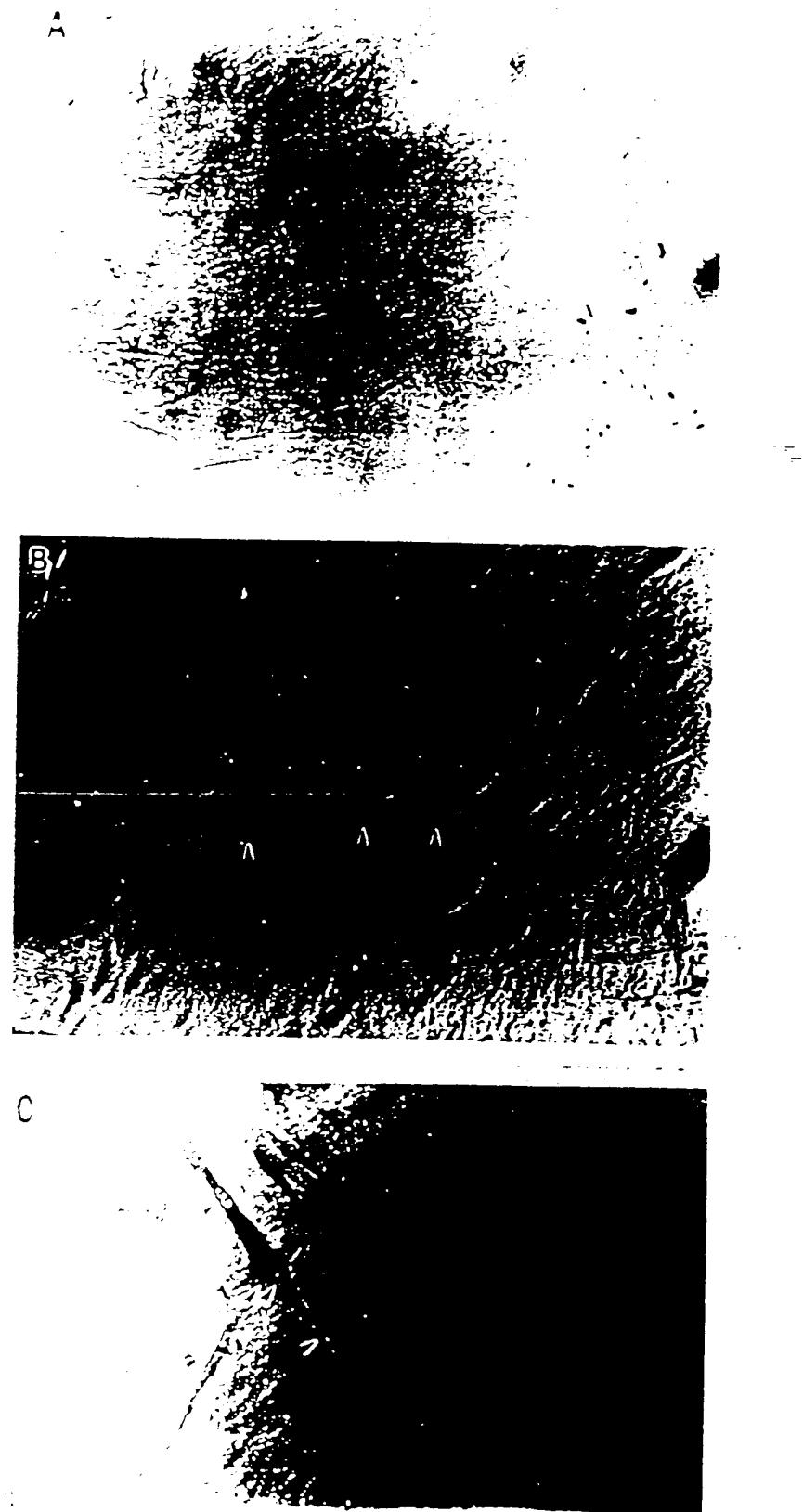


Figure 12

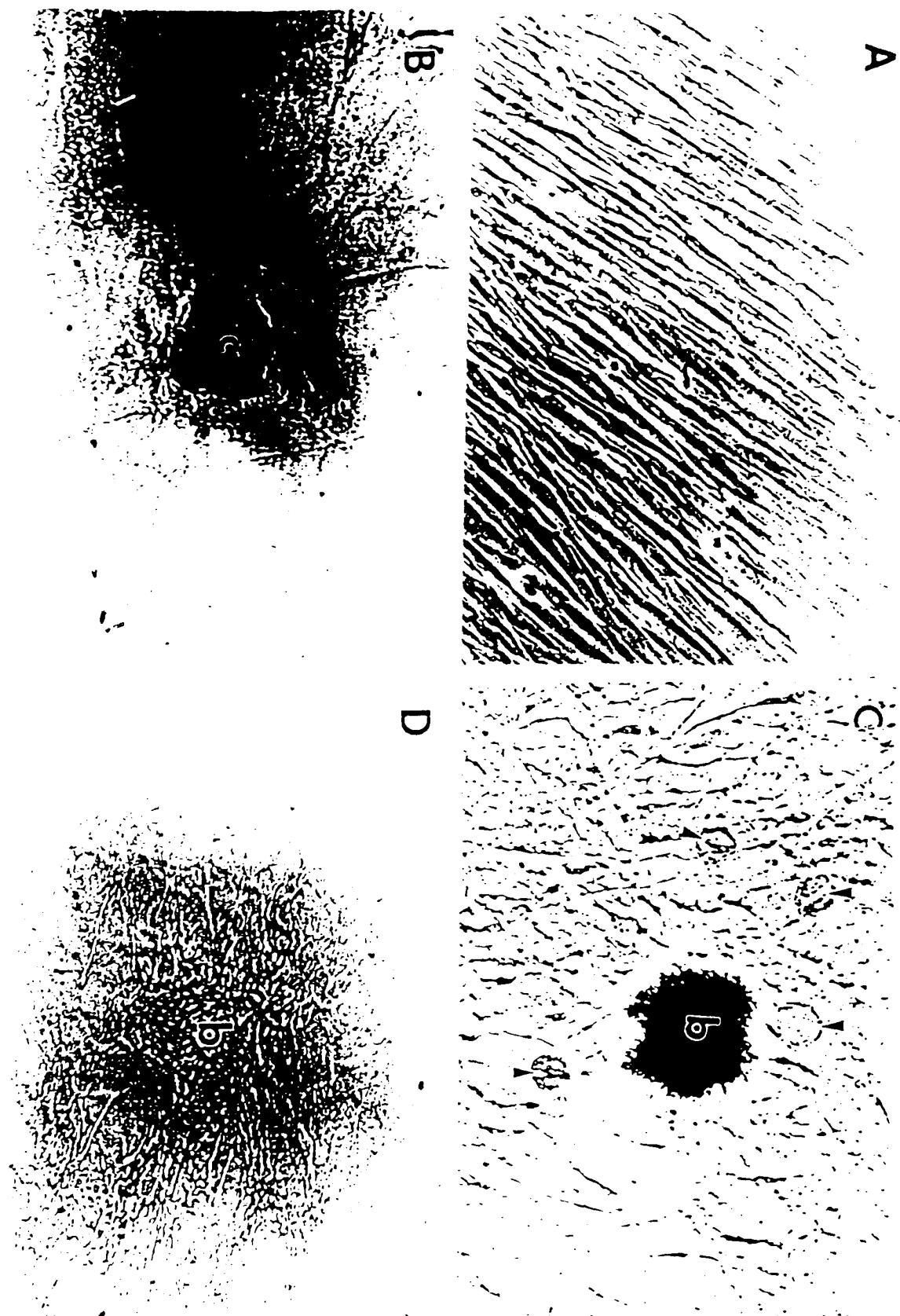


Figure 13



Figure 14

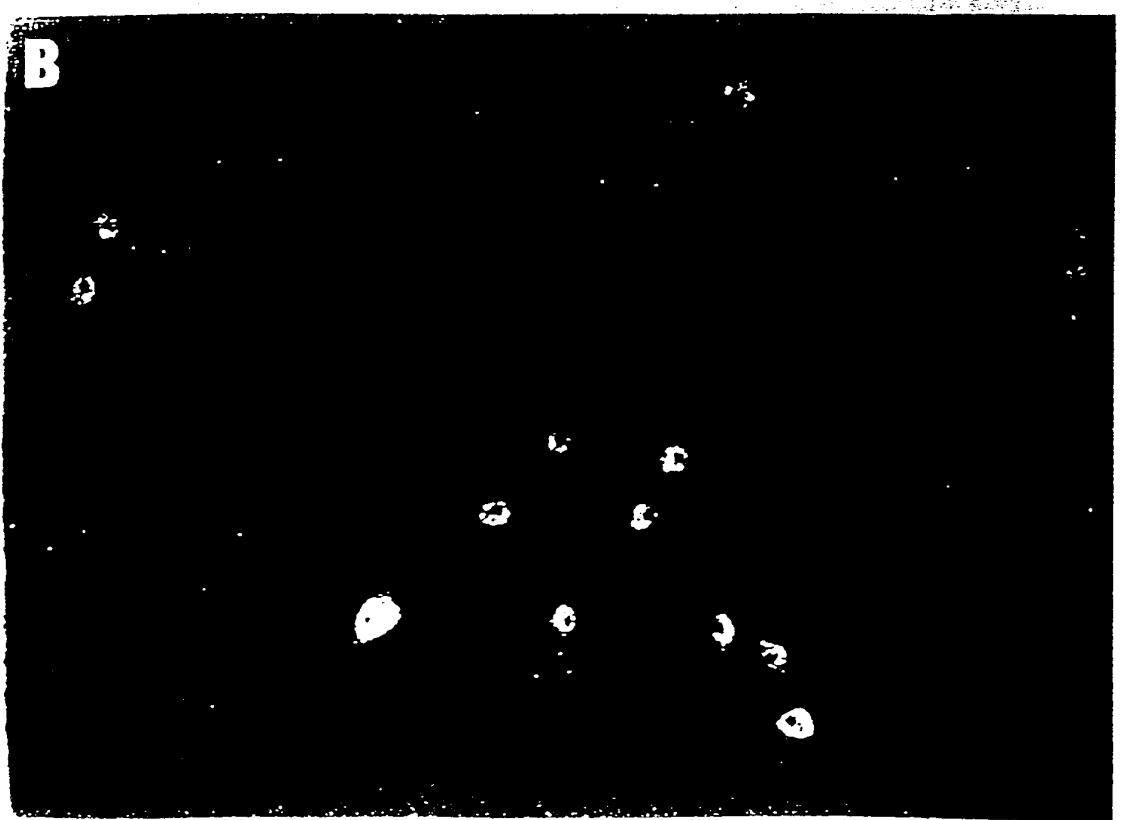
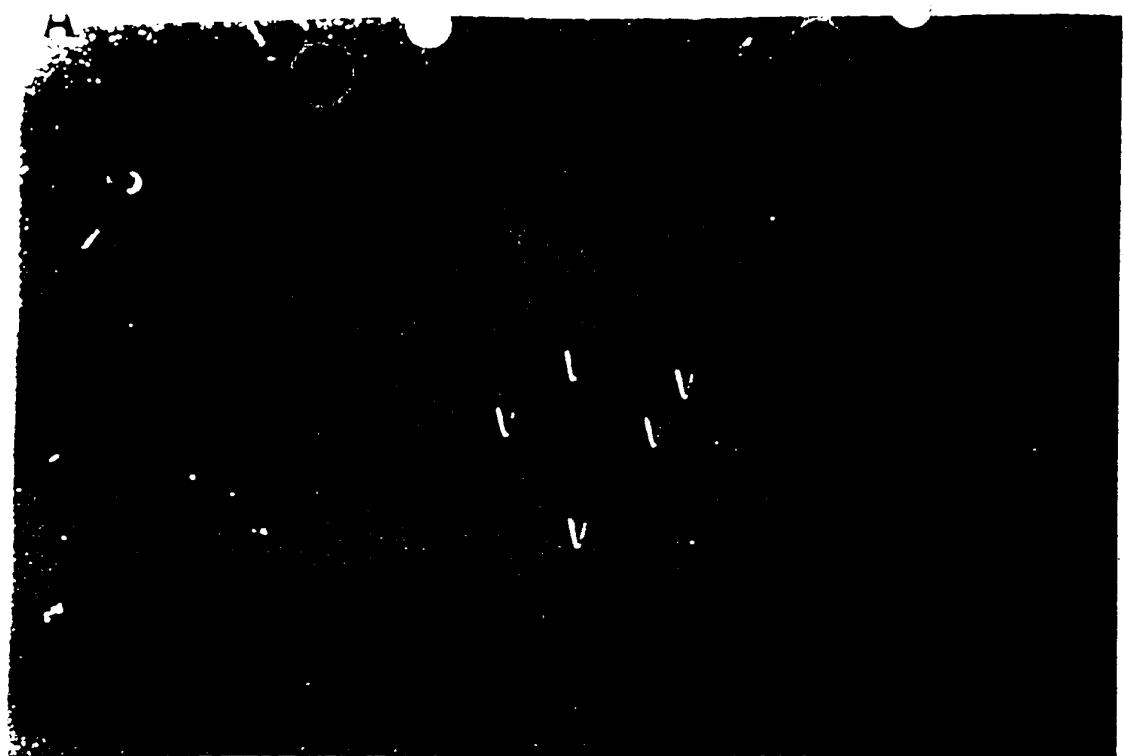


Figure 15

**A****B**

Figure 16

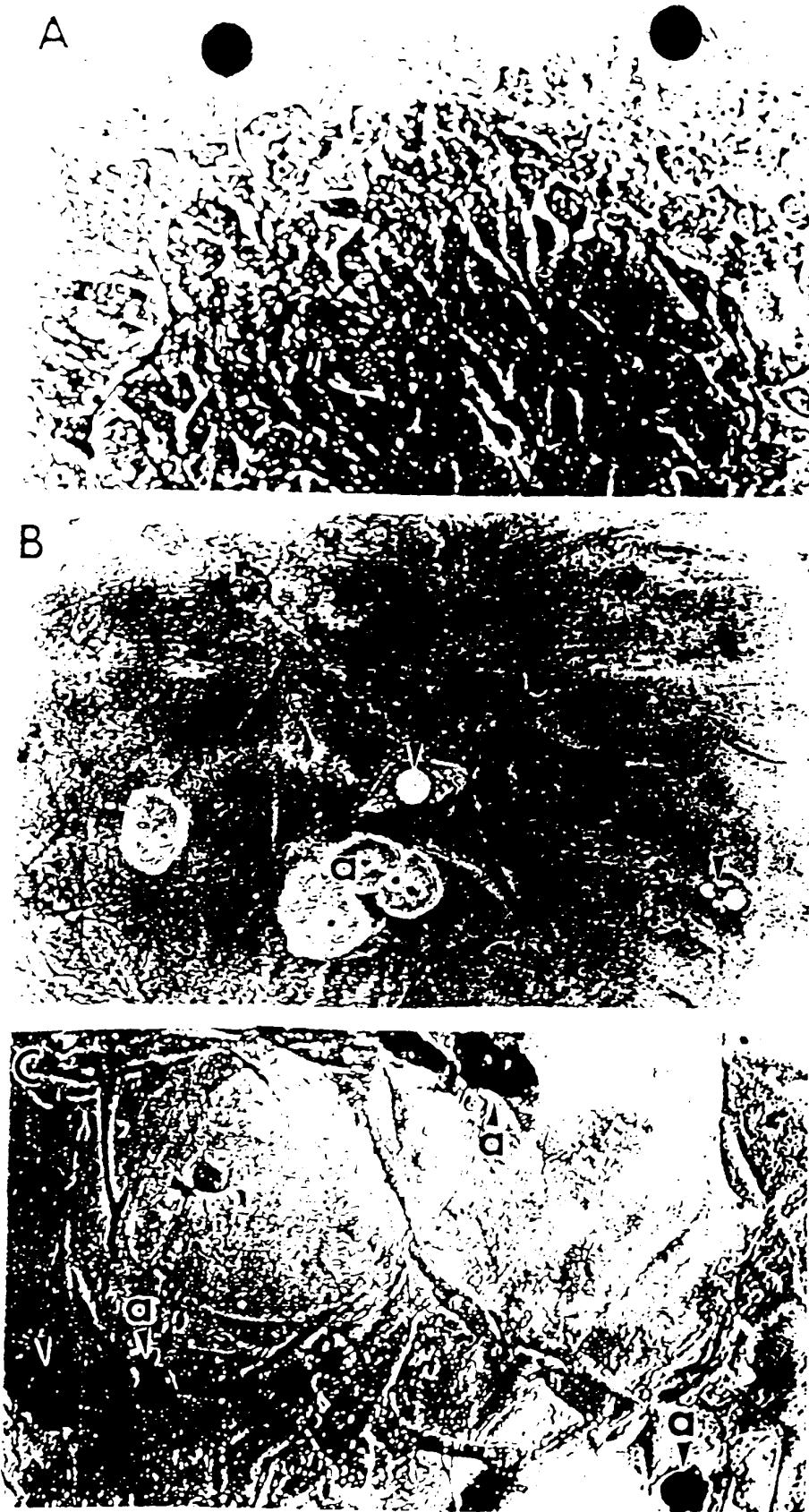


Figure 17

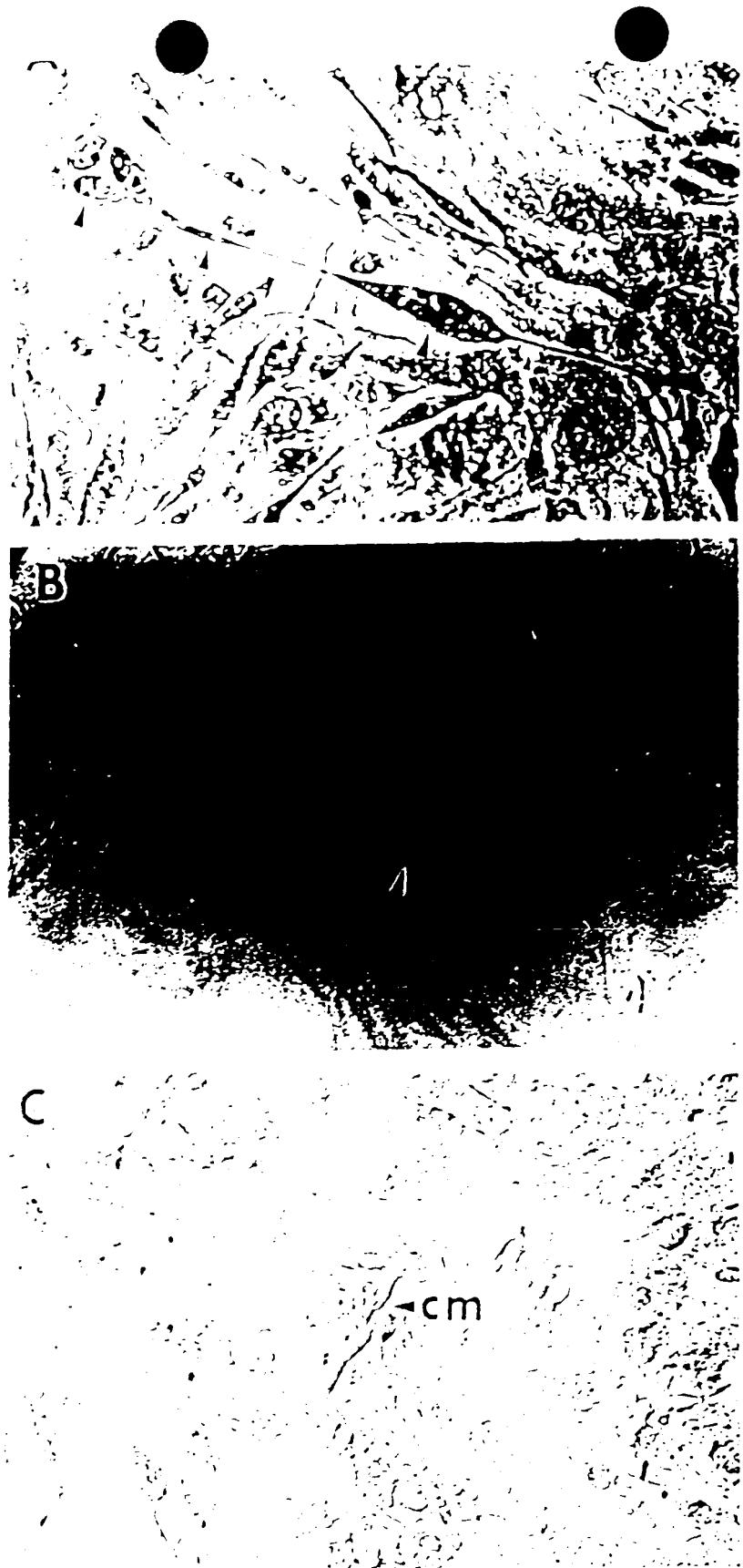


Figure 18

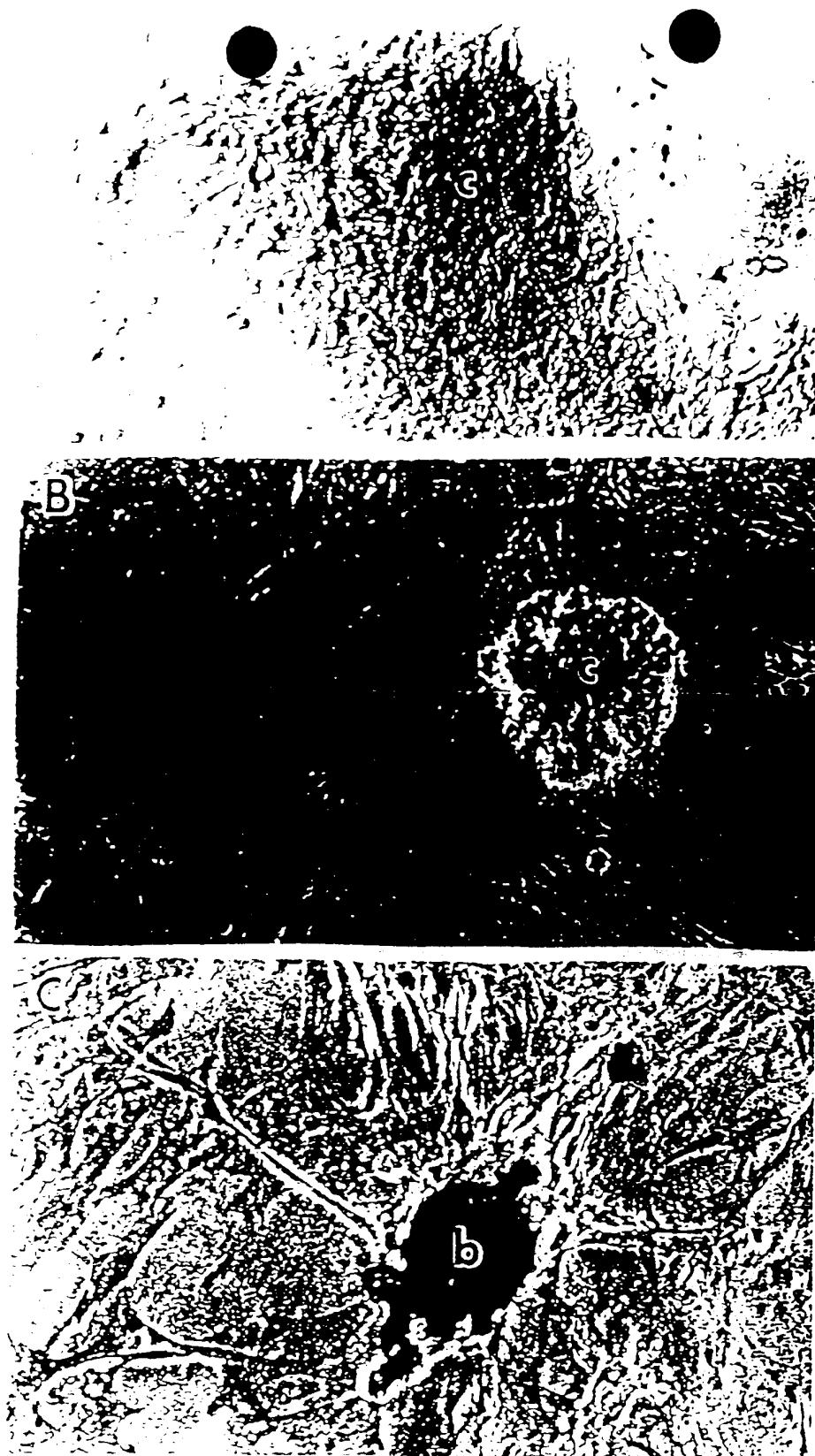


Figure 19

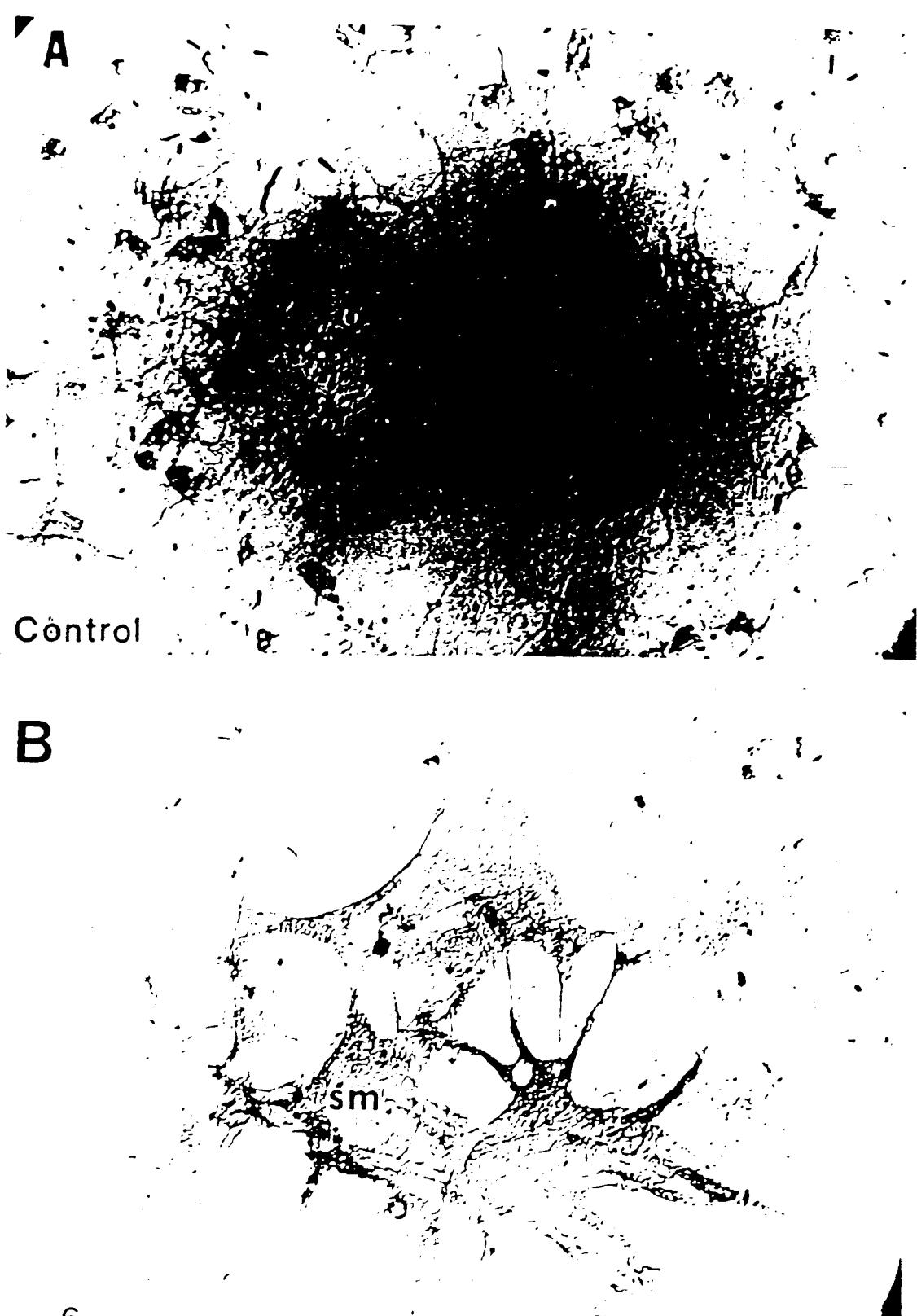


Figure 20

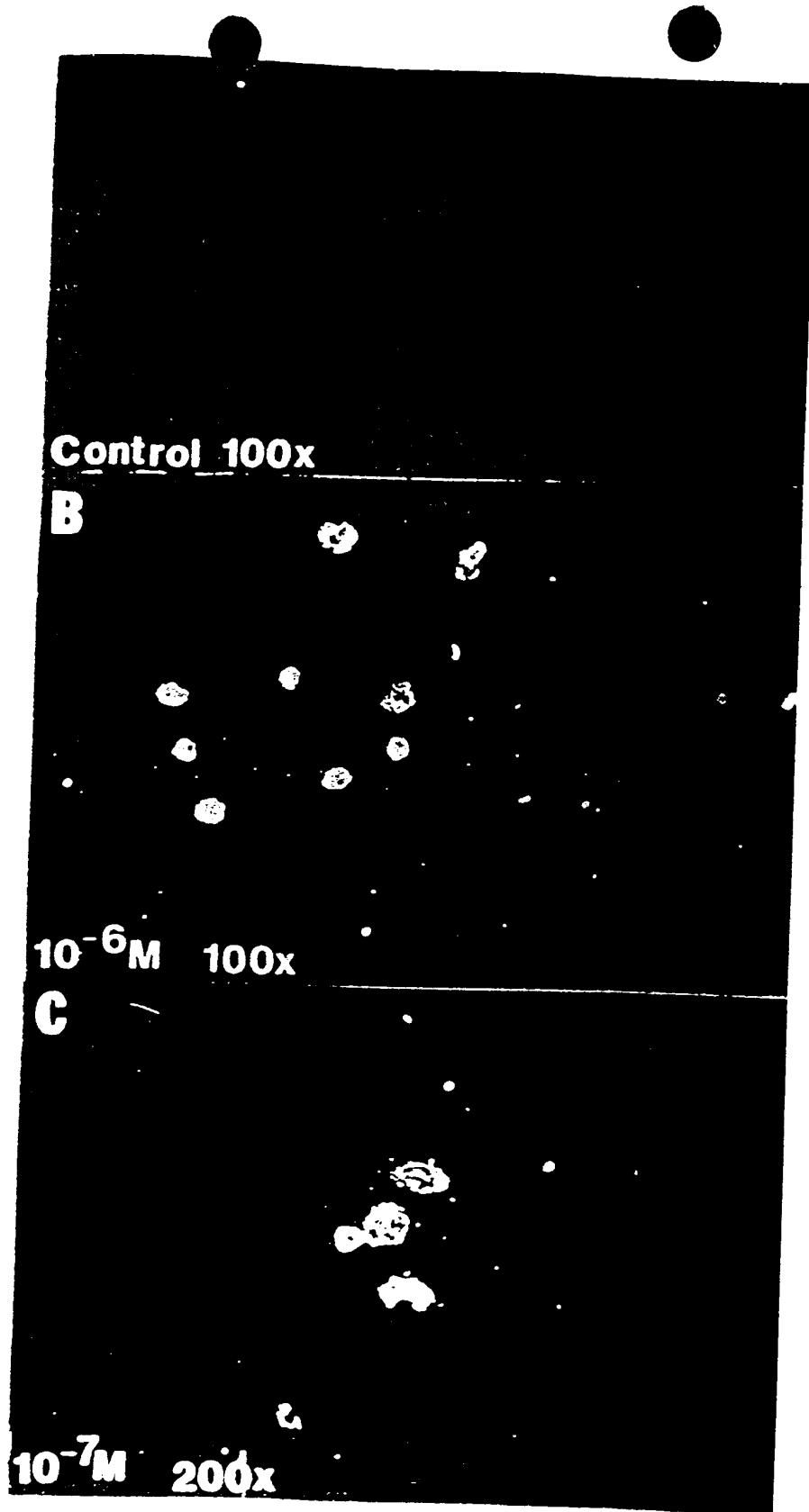


Figure 21

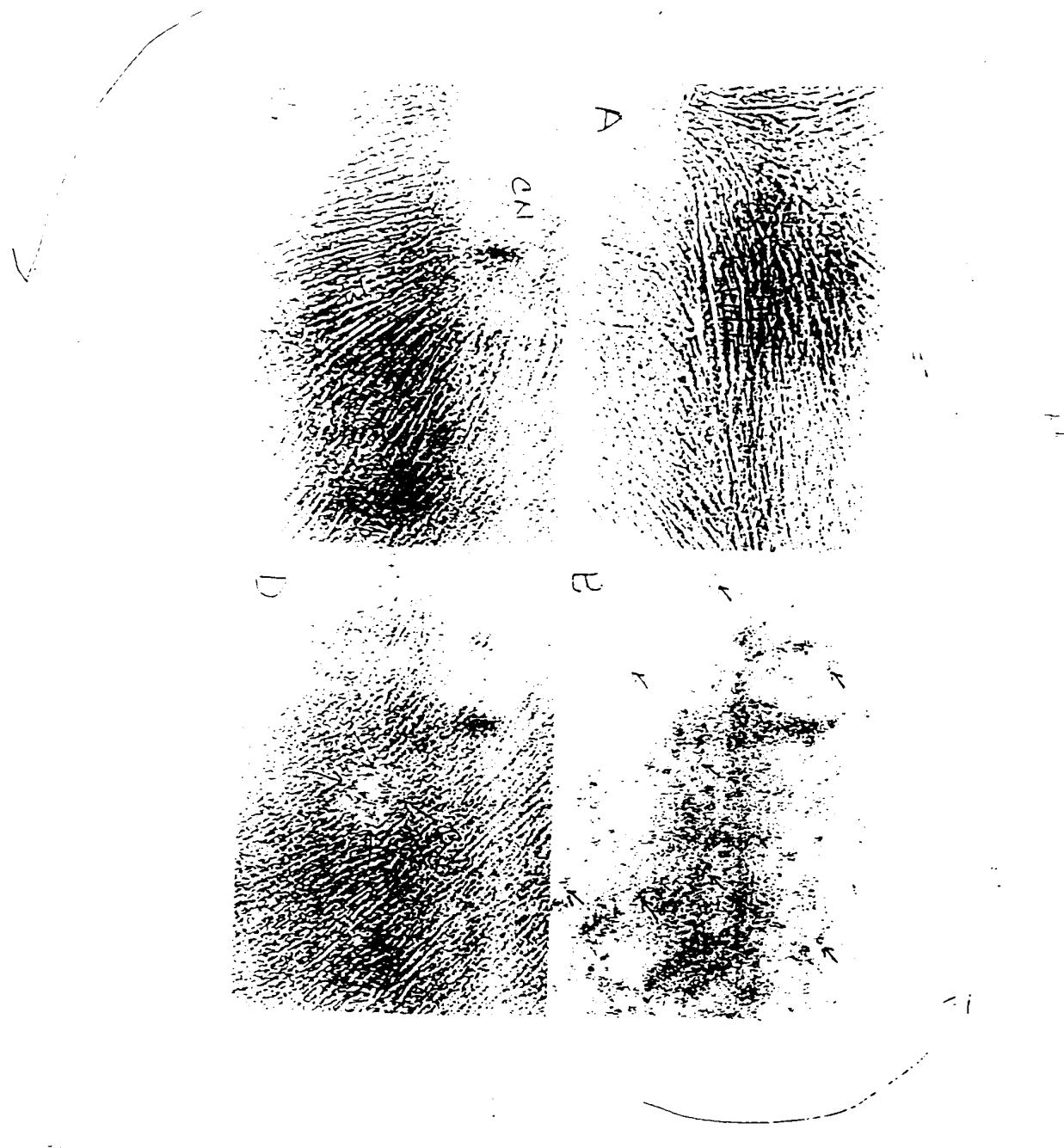


Figure 22

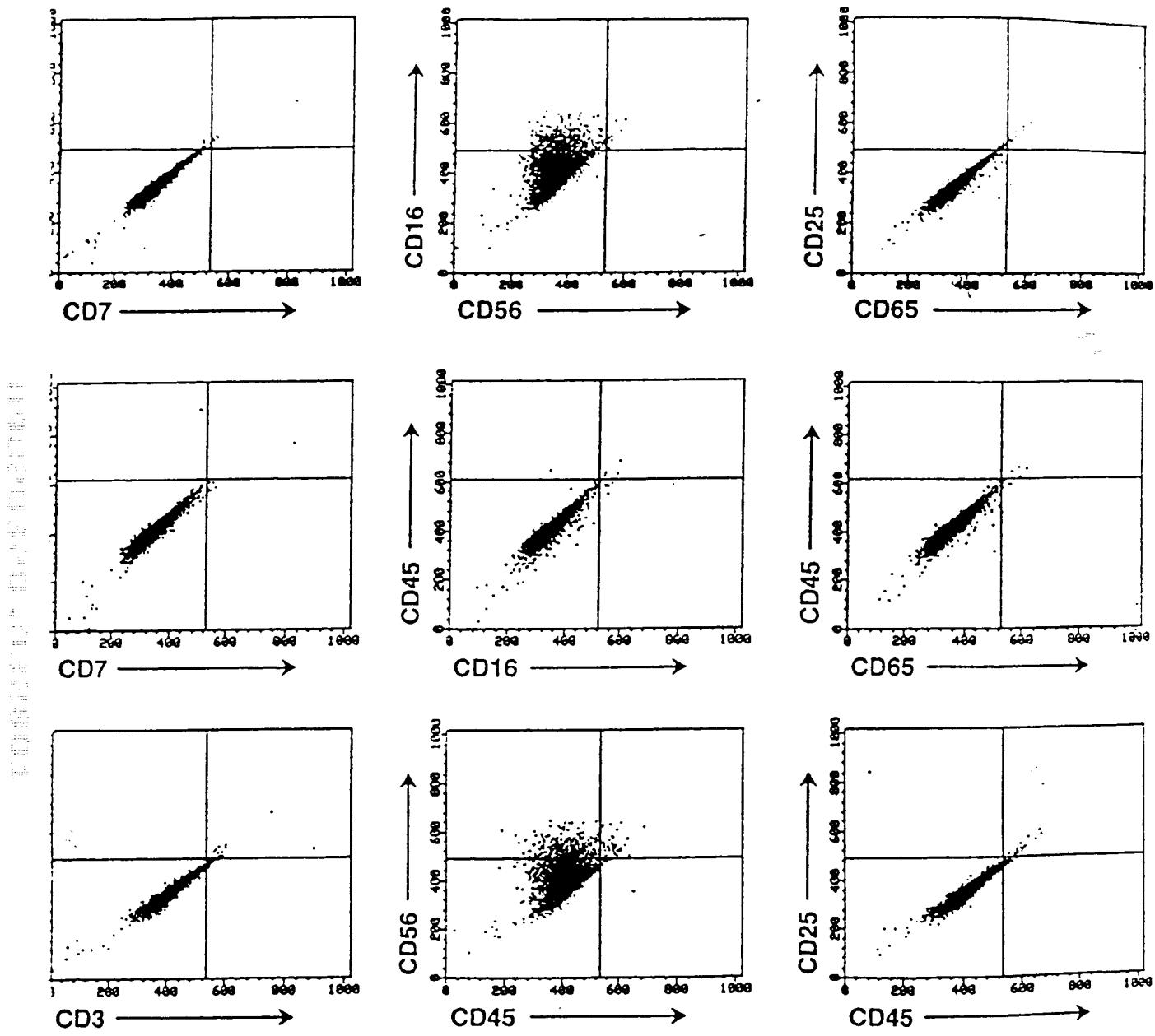


Figure 23

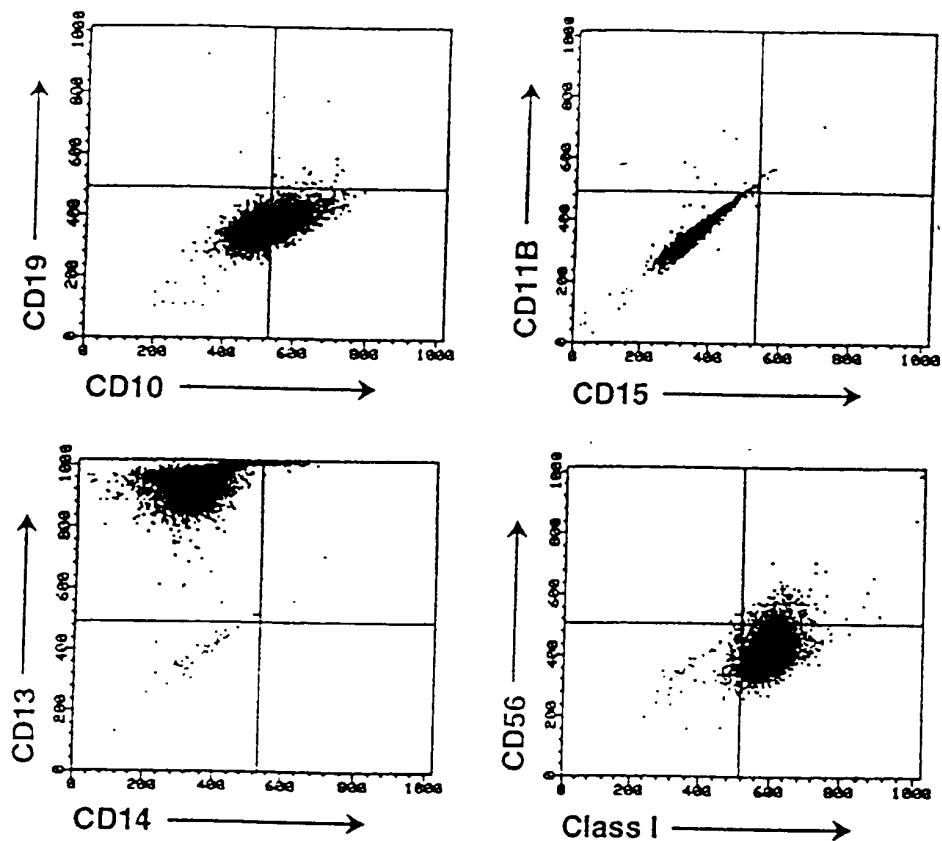


Figure 24

D - Markers       $\beta$  Actin

CD 10



CD 13



CD 56



CF - SkM  
NHDF  
PAL #3

CF - SkM  
NHDF  
PAL #3

Figure 25

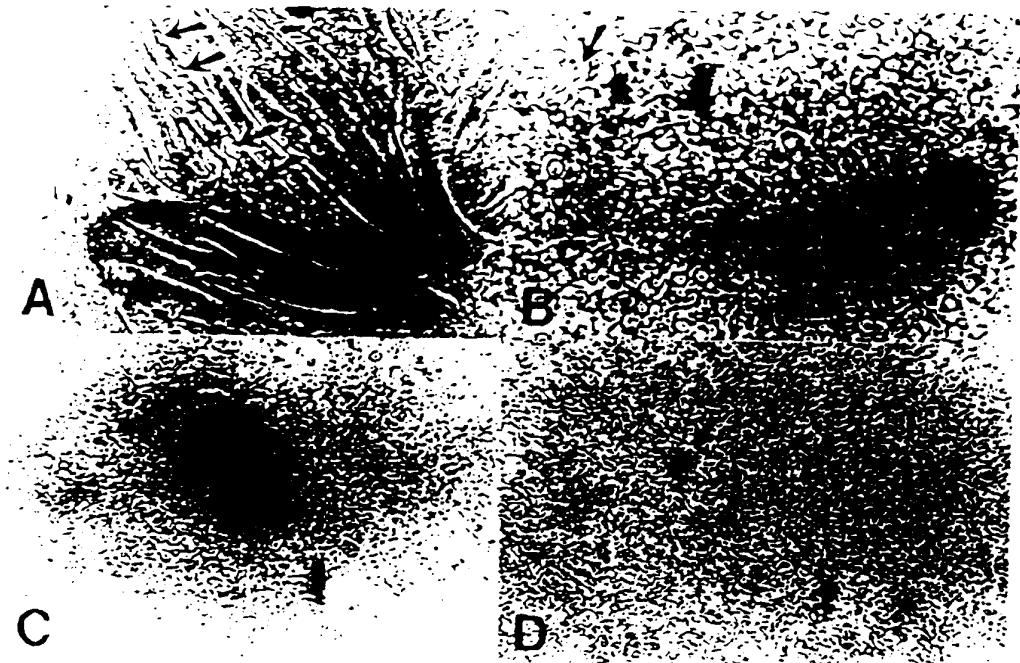


Figure 26

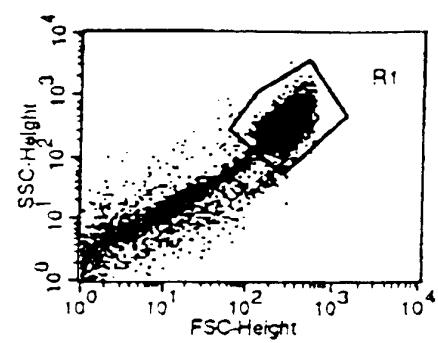


Figure 27

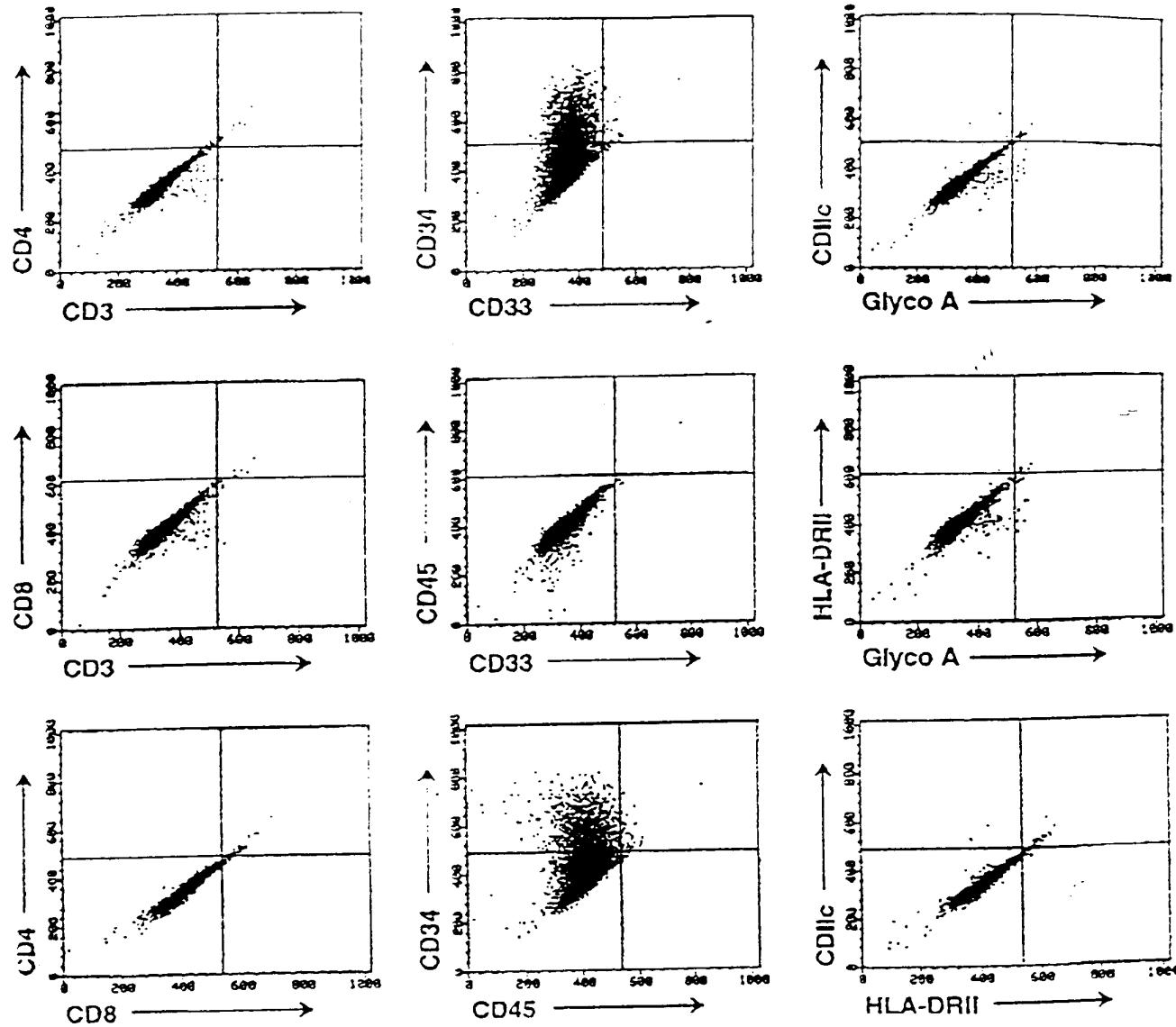


Figure 28

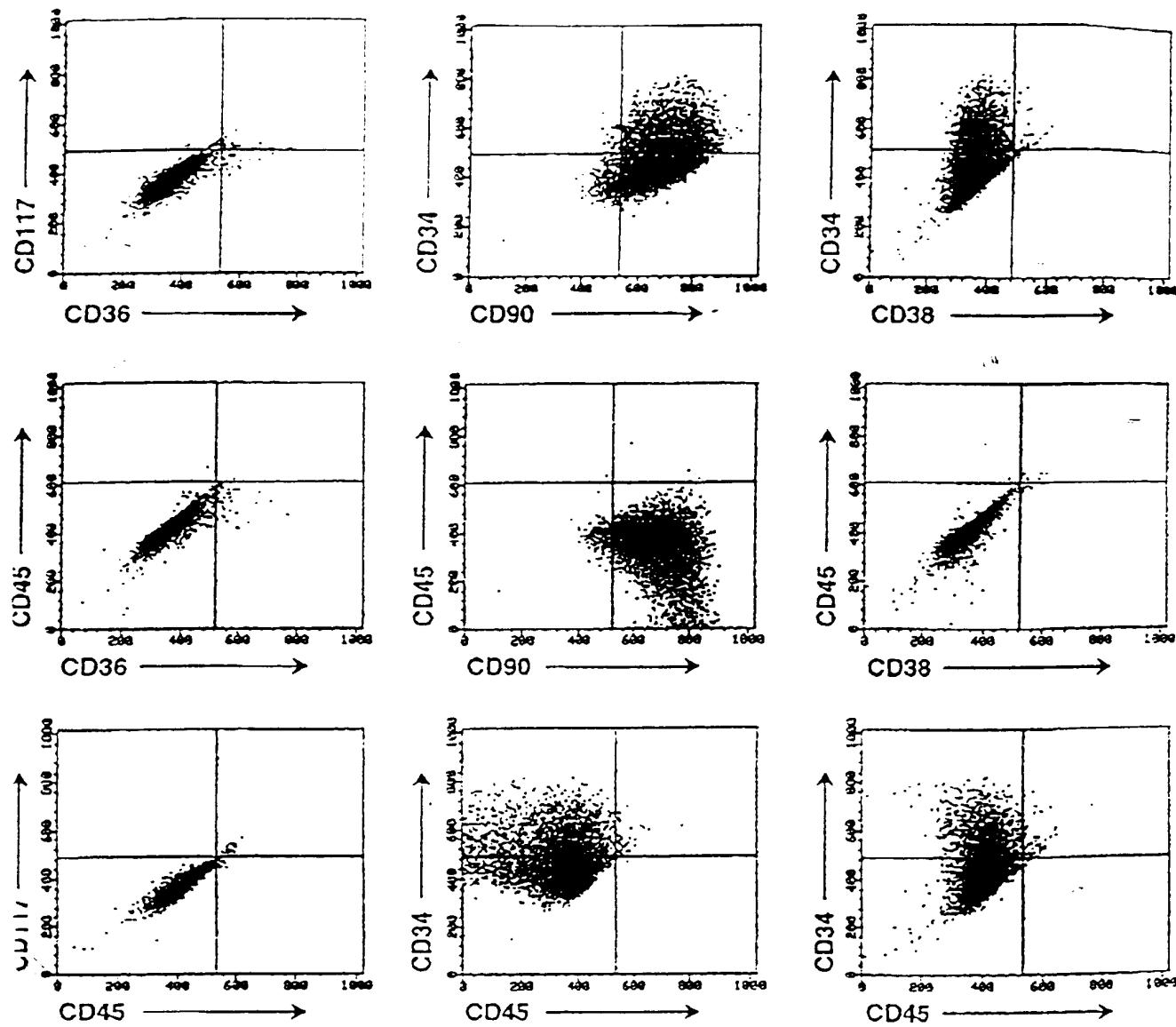


Figure 29

CD - Markers

$\beta$  - Actin

CD34



CD90



CF - SkM

NHDF

PAL #3

CF - SkM

NHDF

PAL #3

Figure 30

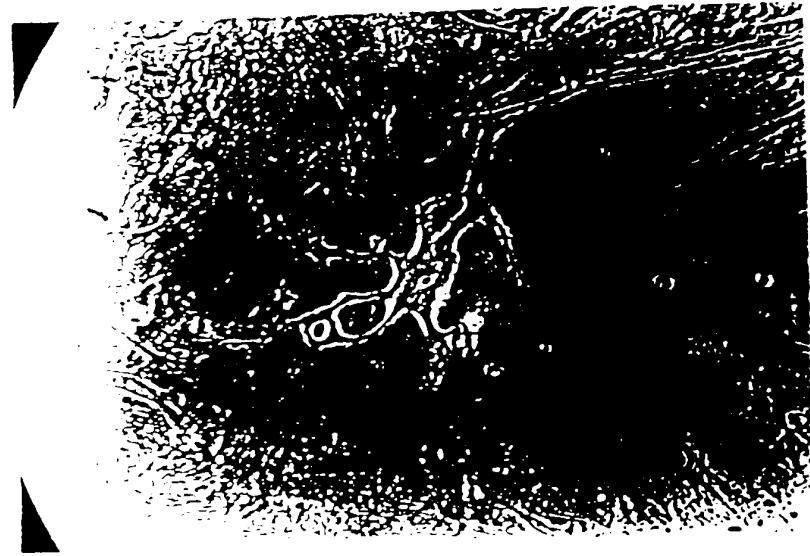
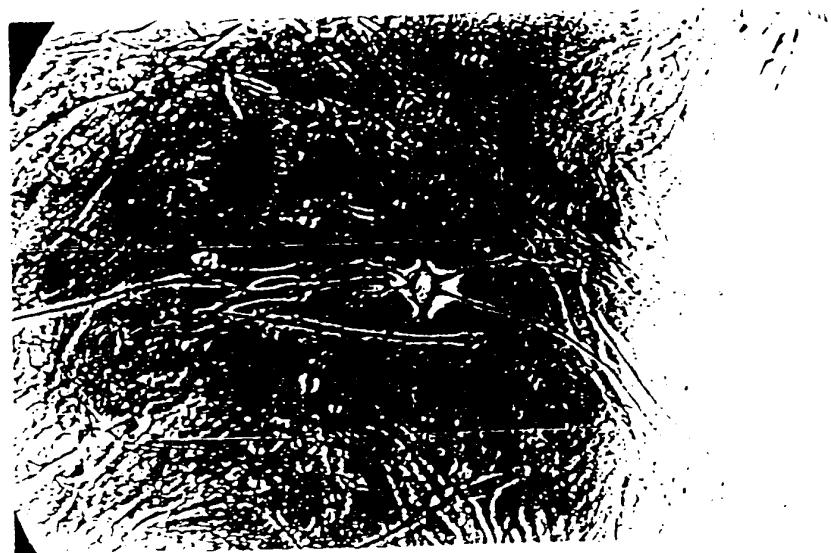


Figure 31 A-C

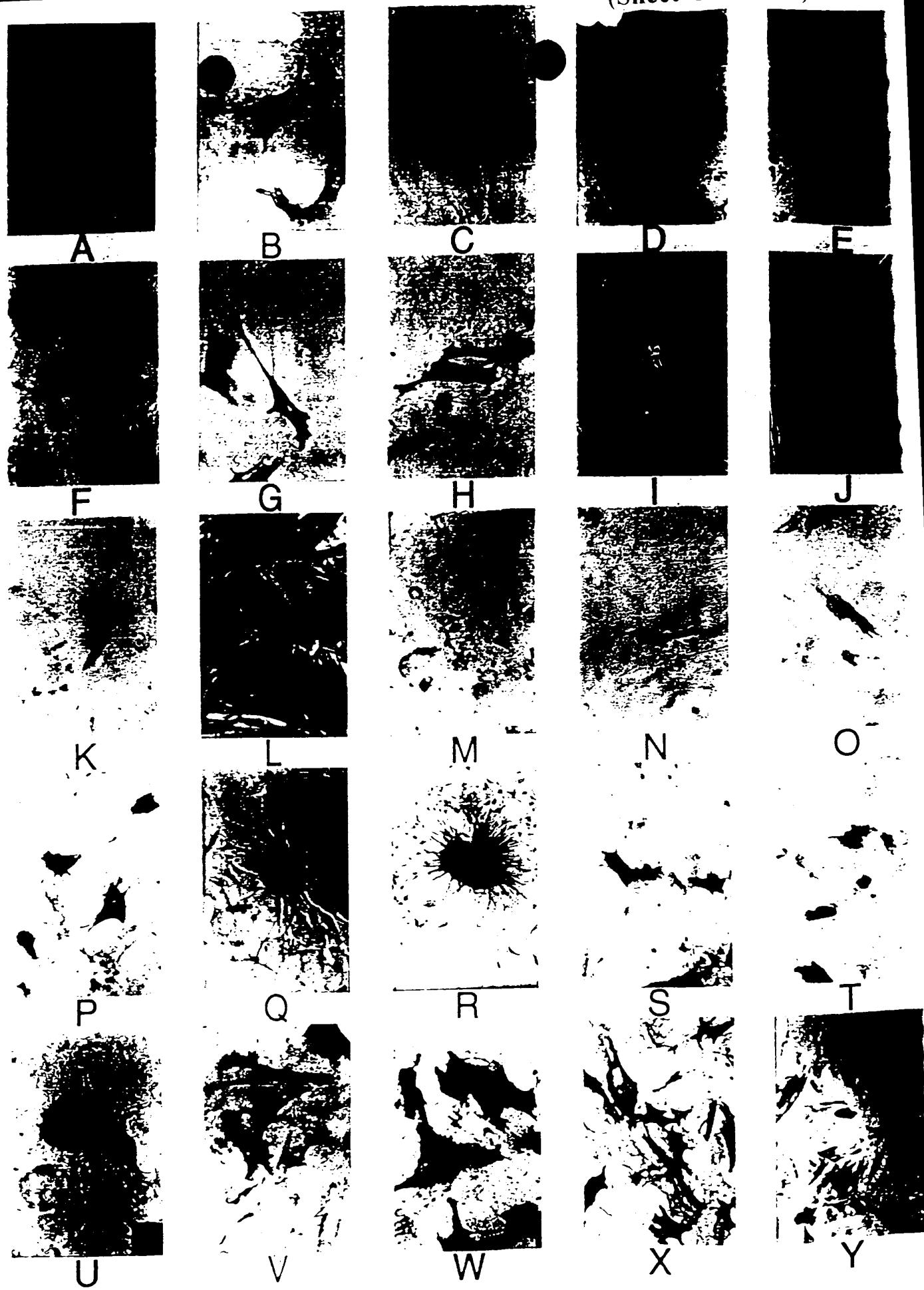


Figure 32 A-Y

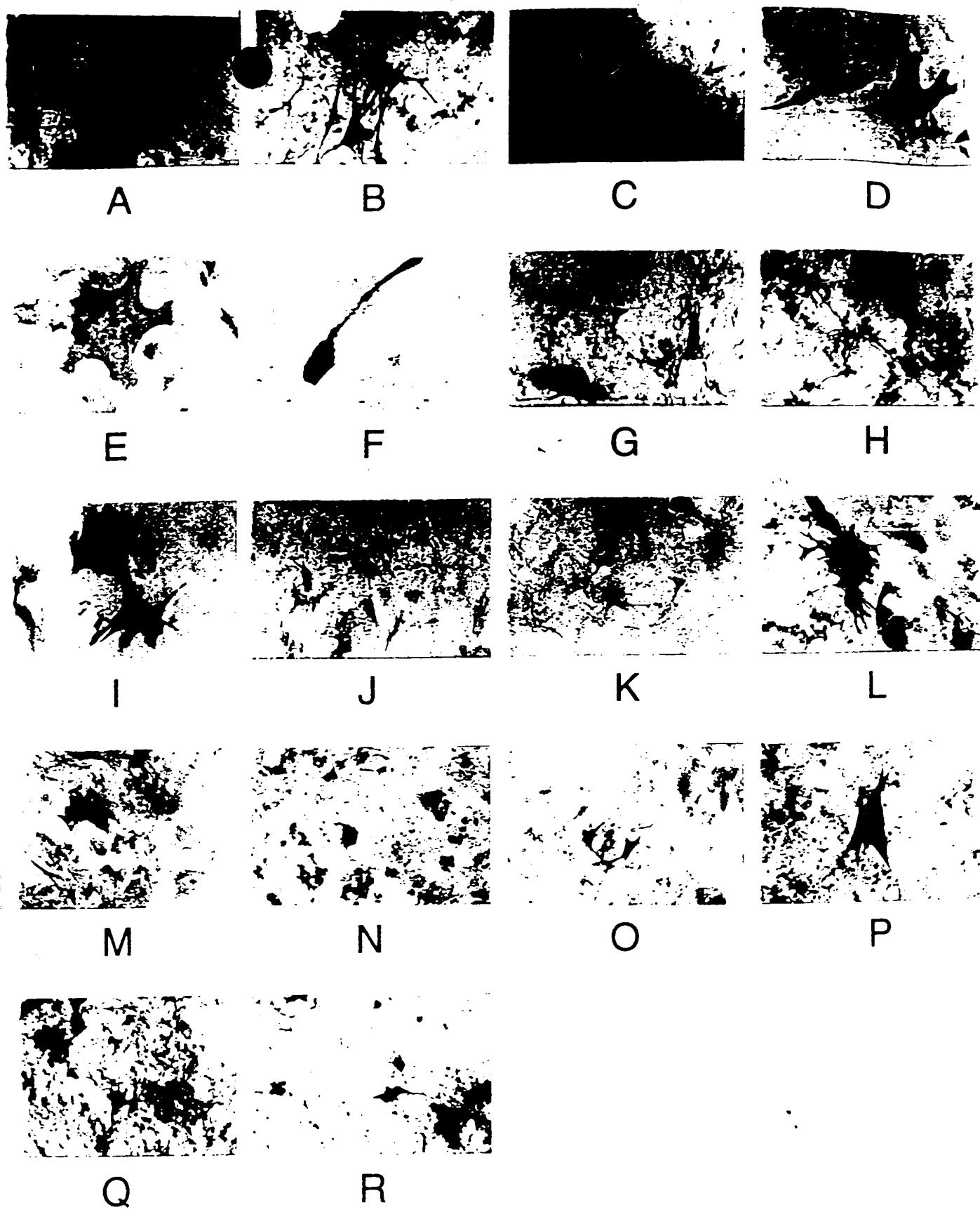


Figure 33 A-R

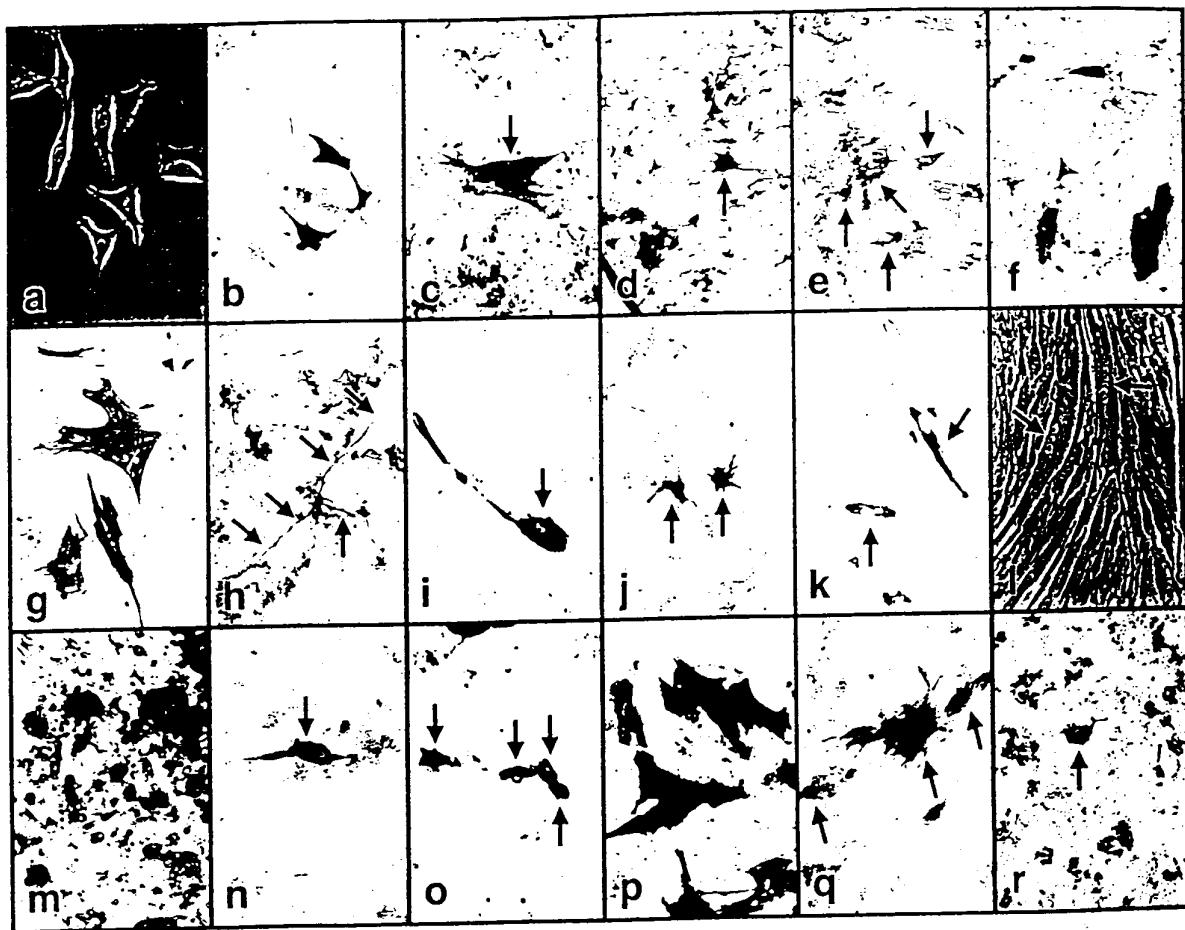


Figure 34

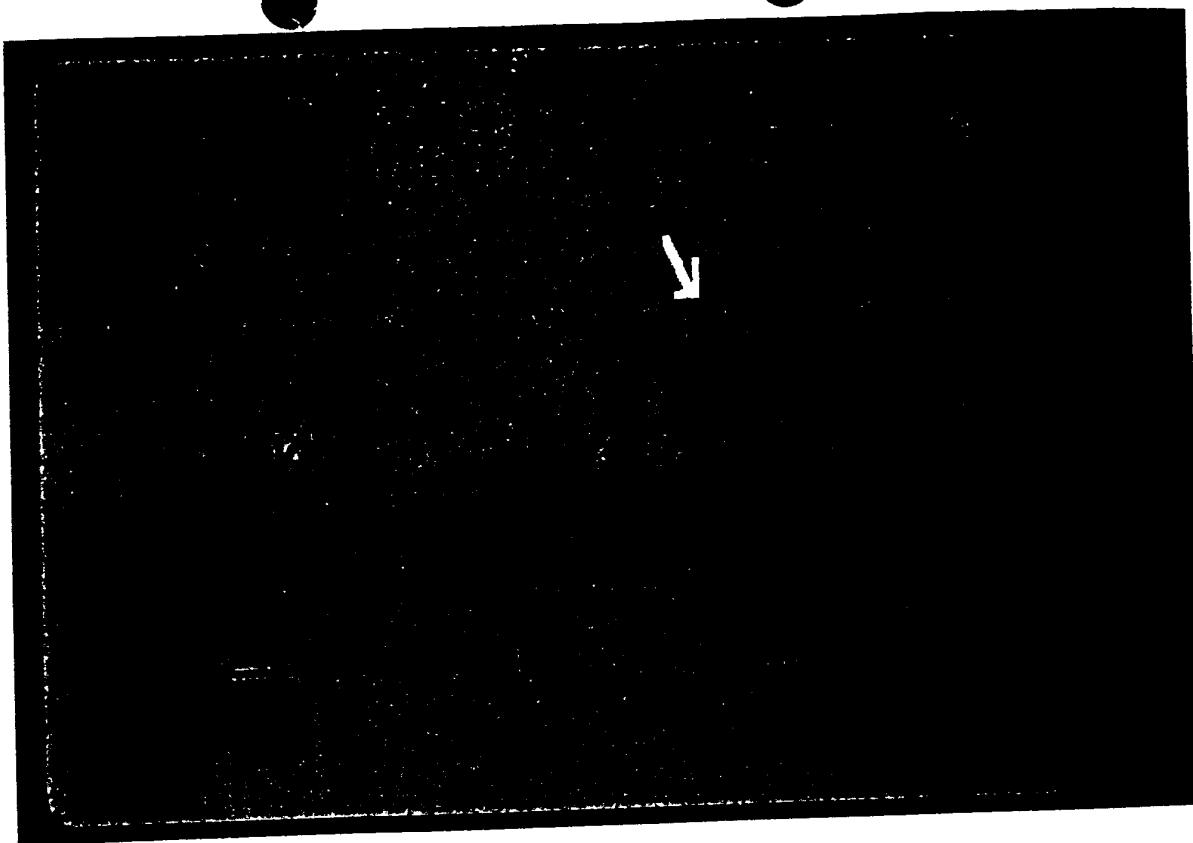


Figure 35

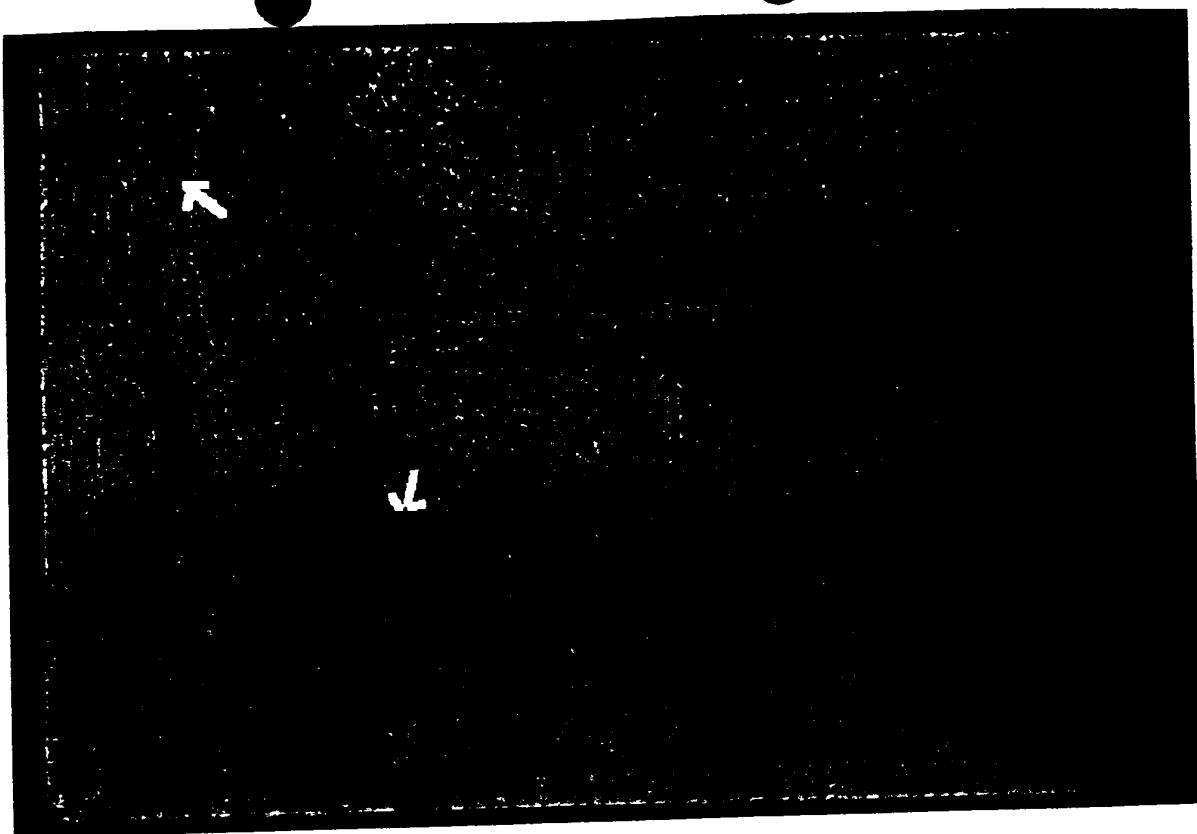


Figure 36

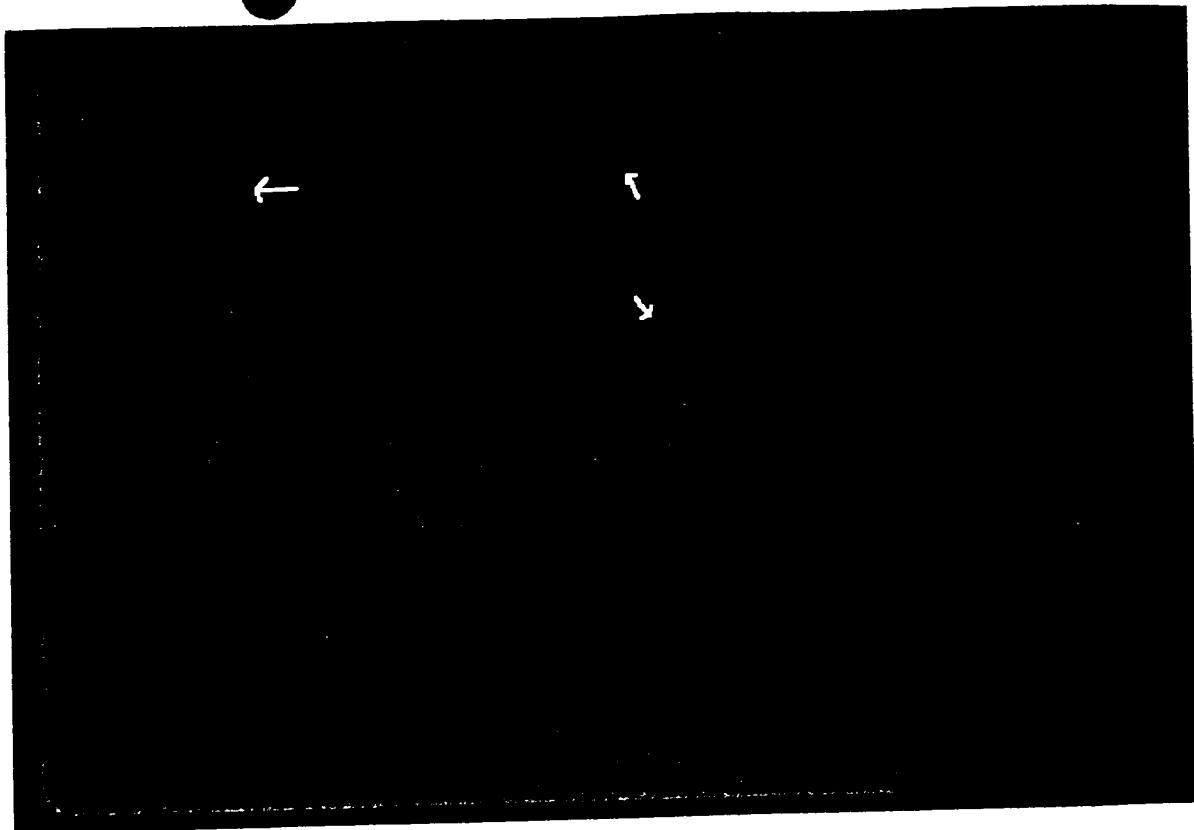


Figure 37

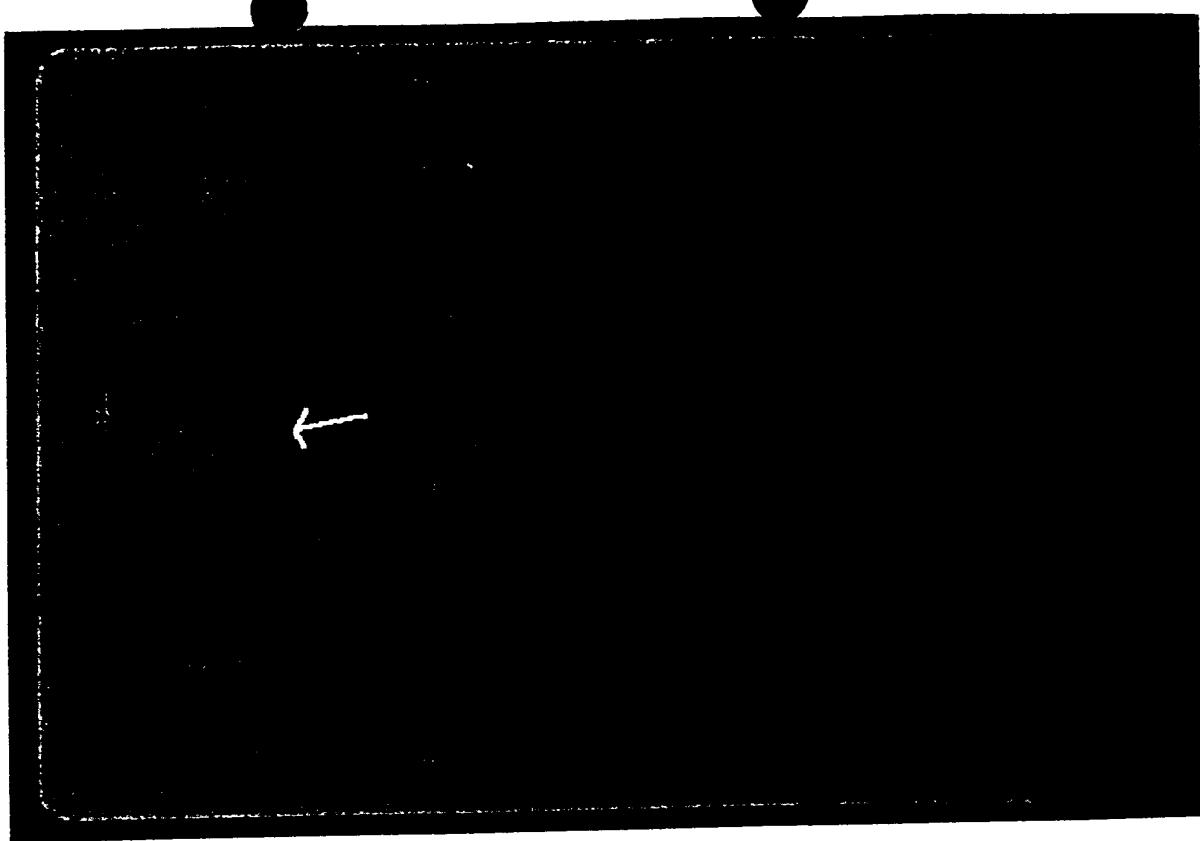


Figure 38

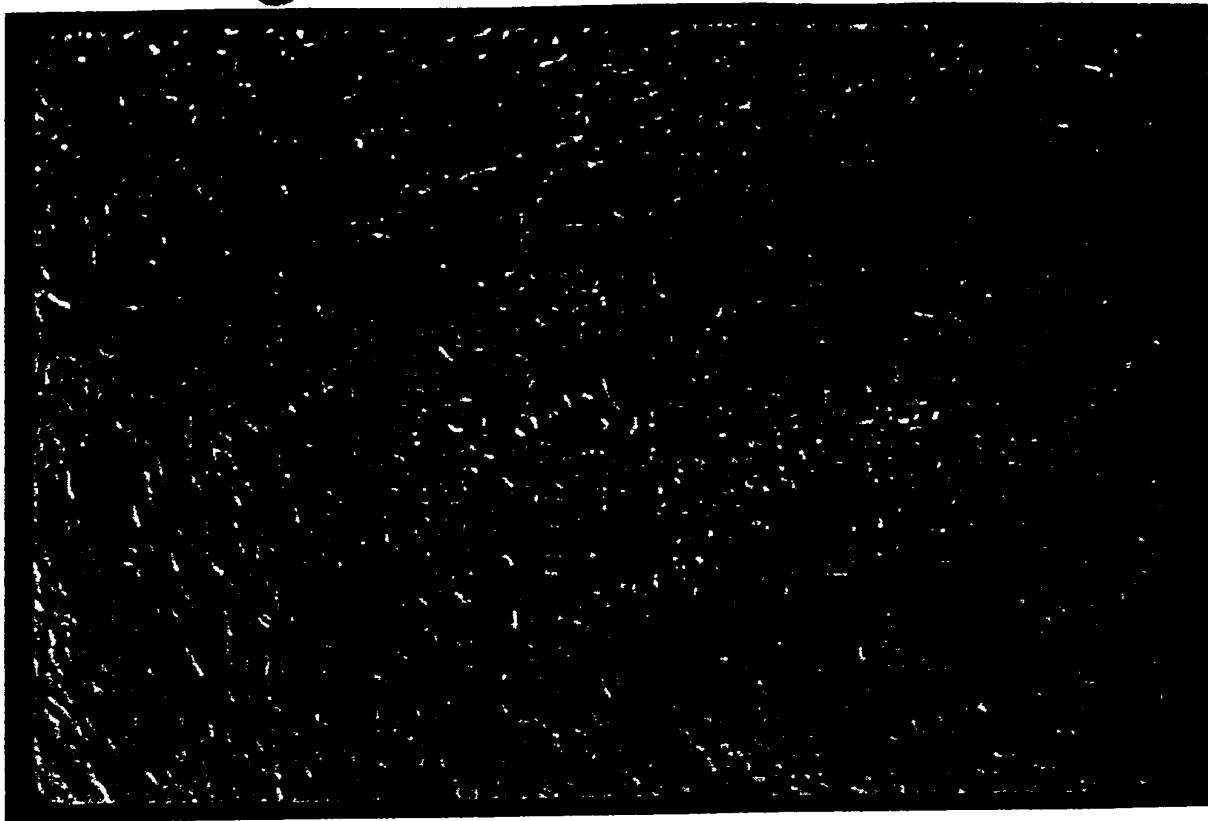


Figure 39



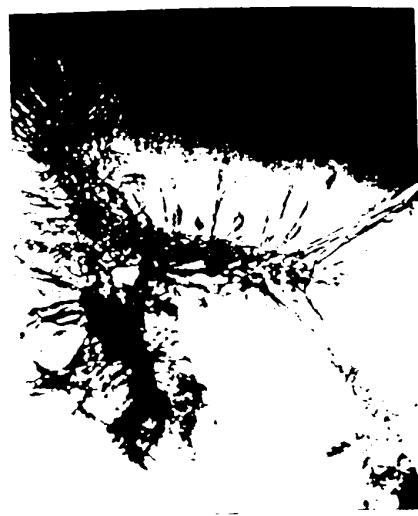
Figure 40

**CT3F 46, XX**  
(17 year-old female dermal biopsy specimen)



Figure 41

HS10-1%  
2 days conditioned



*in vitro aPPSC Differentiation on Matrigel*

*Tube format*

12 hours



24 hours

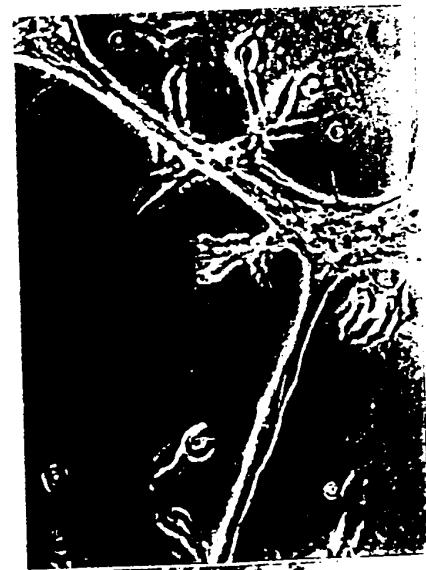


Figure 42

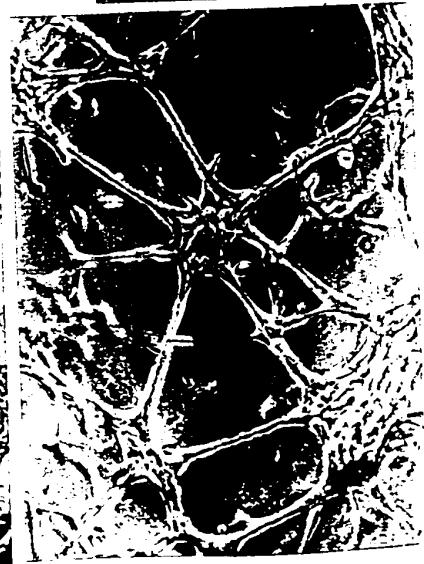
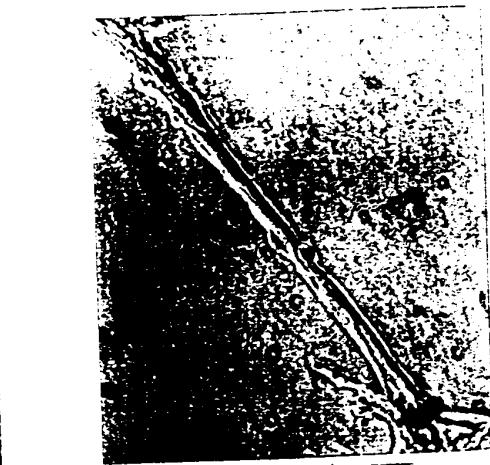
*in vitro aPPSC Differentiation on Matrigel*  
*Tube formation*

1% + VEGF  
2 days conditioned

12 hours



24 hours



longer formation?

Figure 43

*aPPSC Localization following Administration*

1 wk after i.v. injection  
to ischemic animal



Figure 44

# Matrigel after 1wk Condition

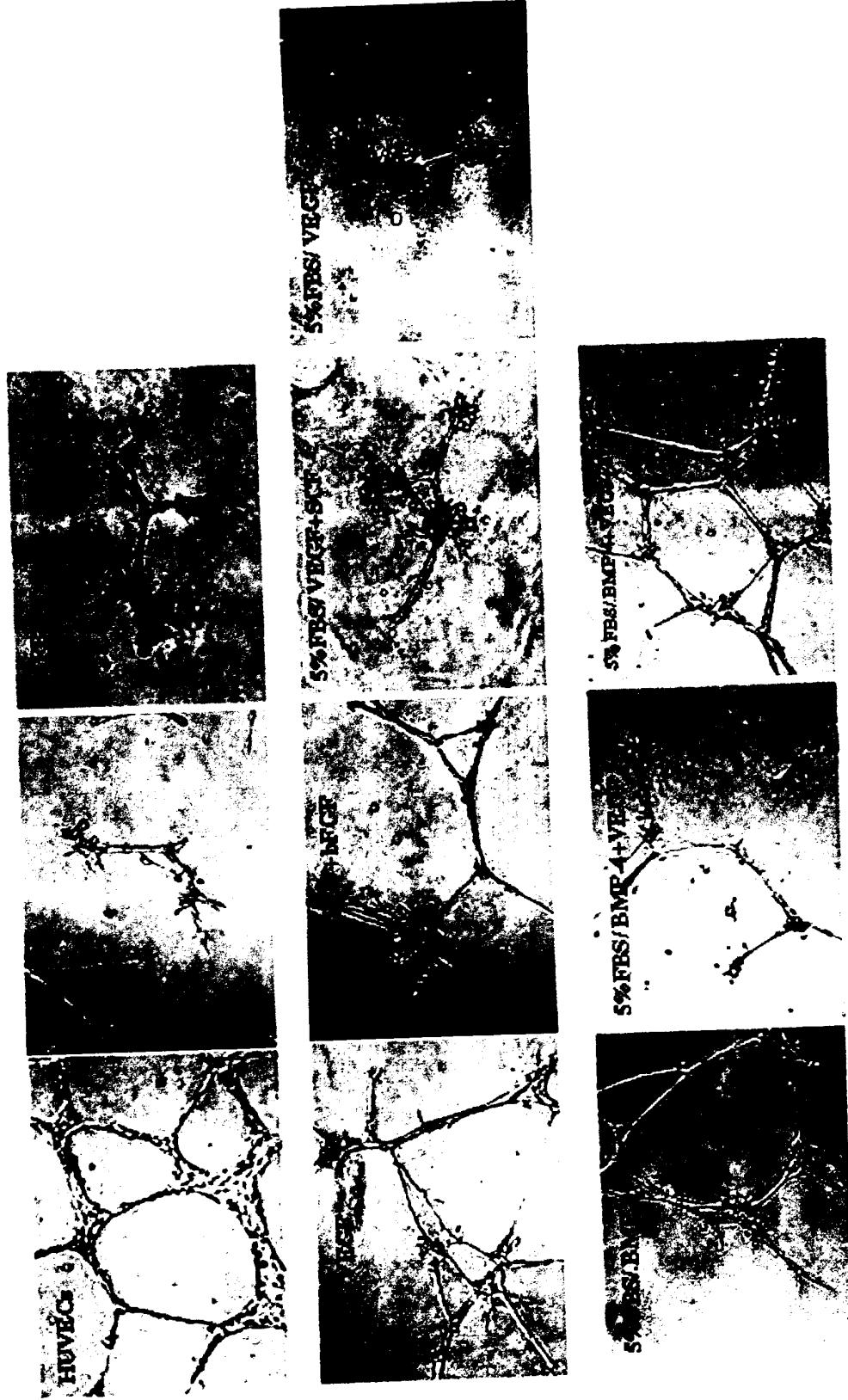


Figure 45

ELSC-derived Cells in Matrigel

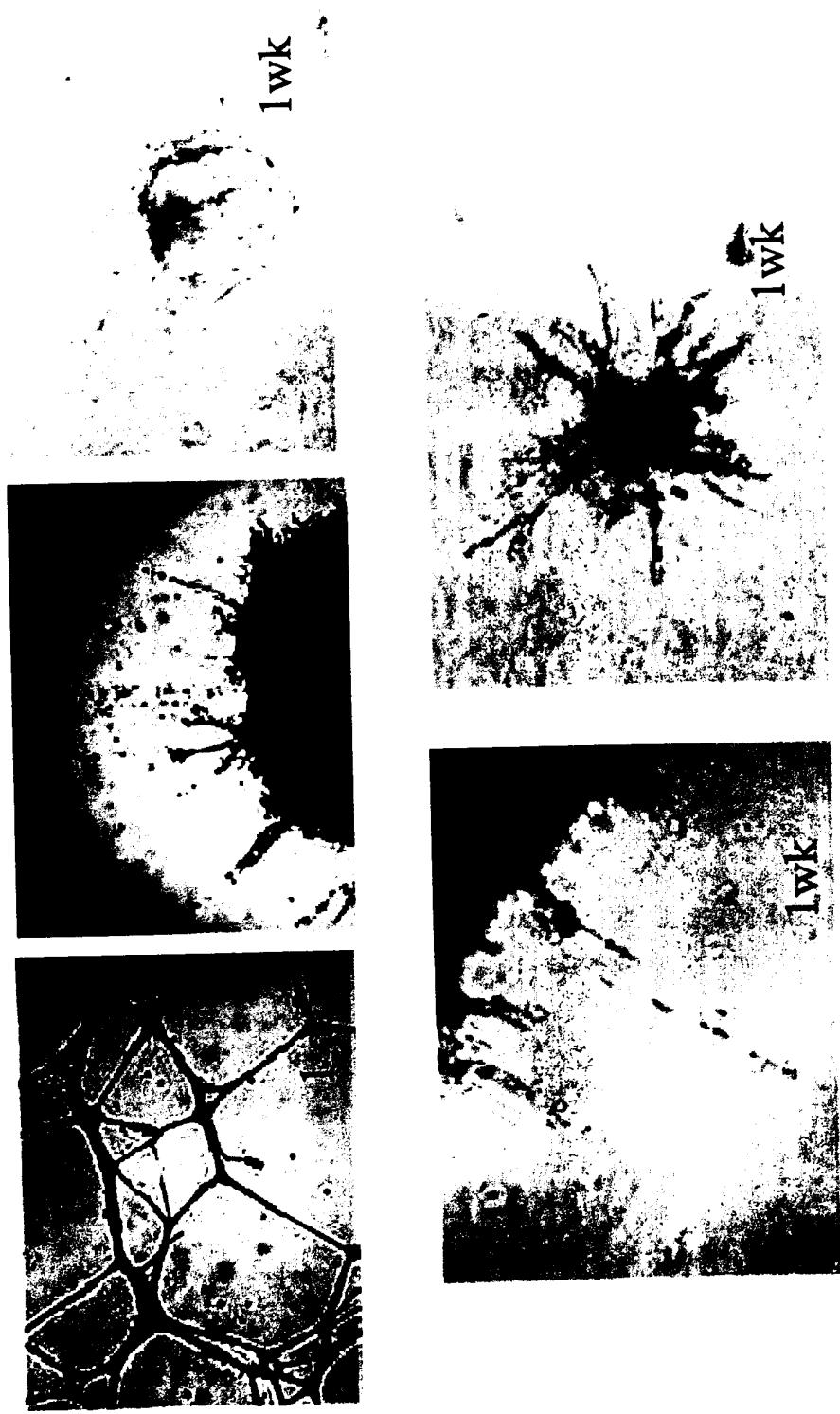


Figure 46

# ELSC-derived Cells in Matrigel

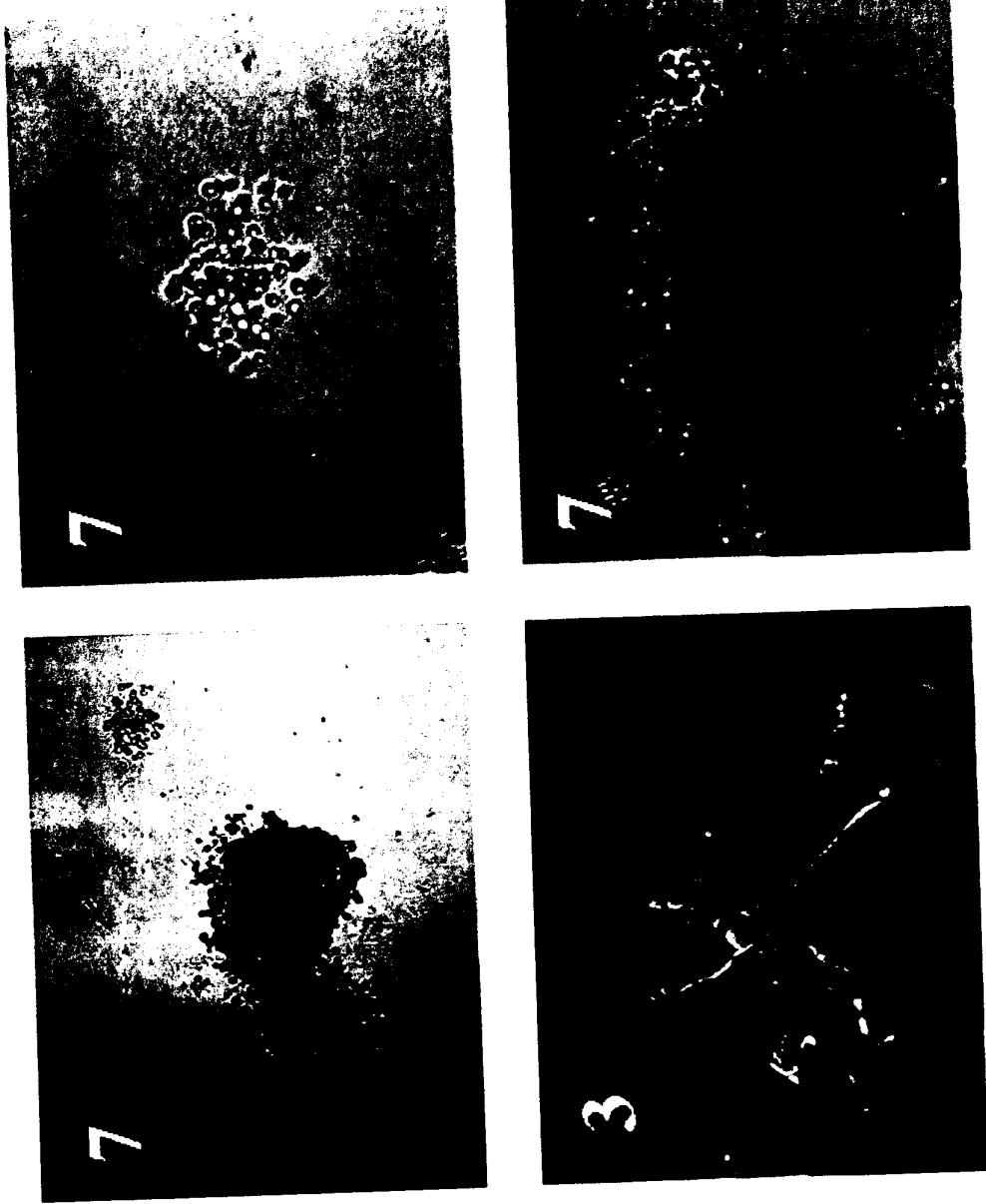


Figure 47

ELSC Transplantation into Hindlimb Ischemia

2 wks



Figure 48

ELSC Transplantation into Hindlimb Ischemia

2 wks



Figure 49

# Muscle Organogenesis by ELSC in Hindlimb Ischemia

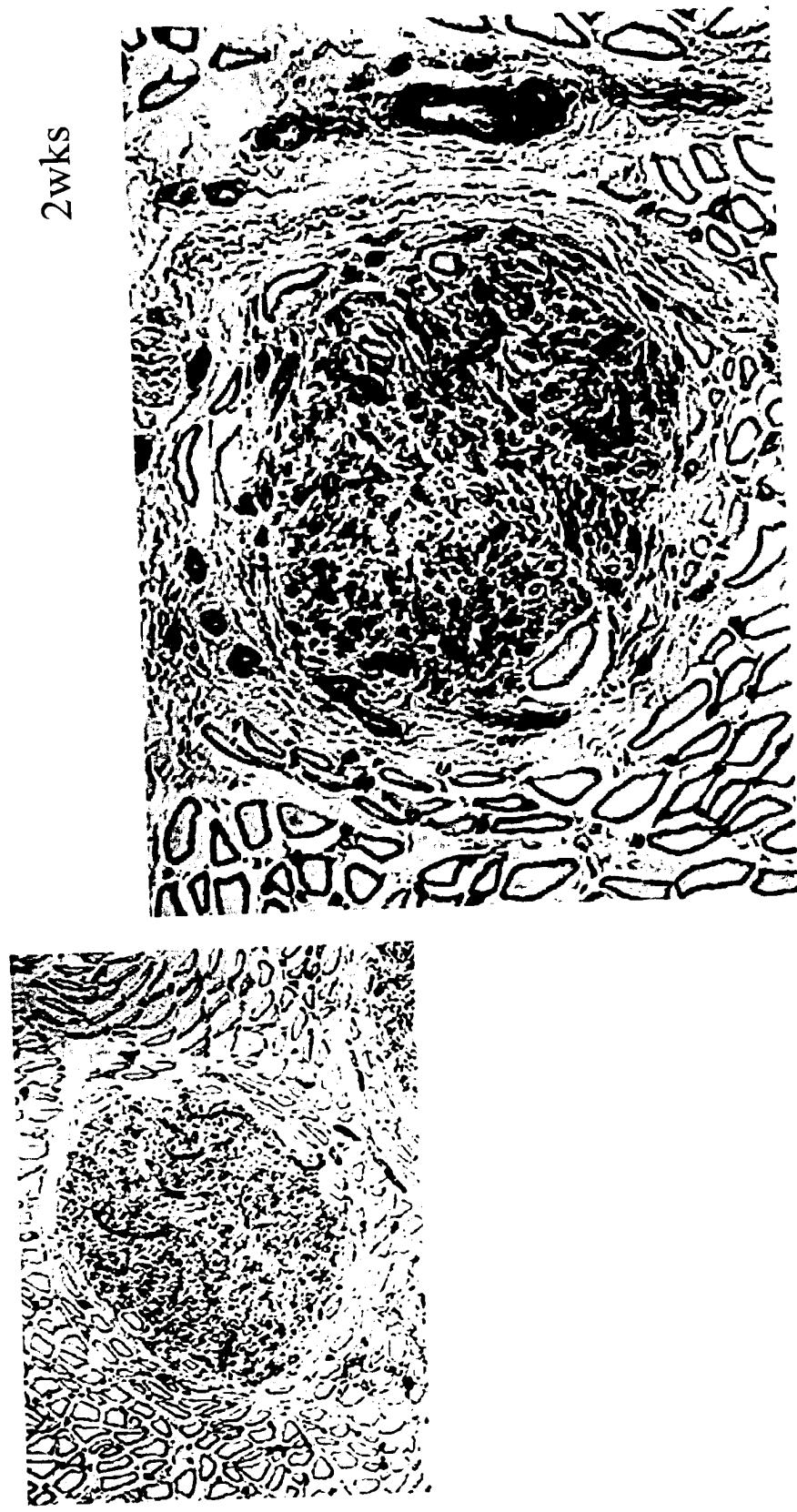


Figure 50

# Muscle Organogenesis by ELS in Hindlimb Ischemia

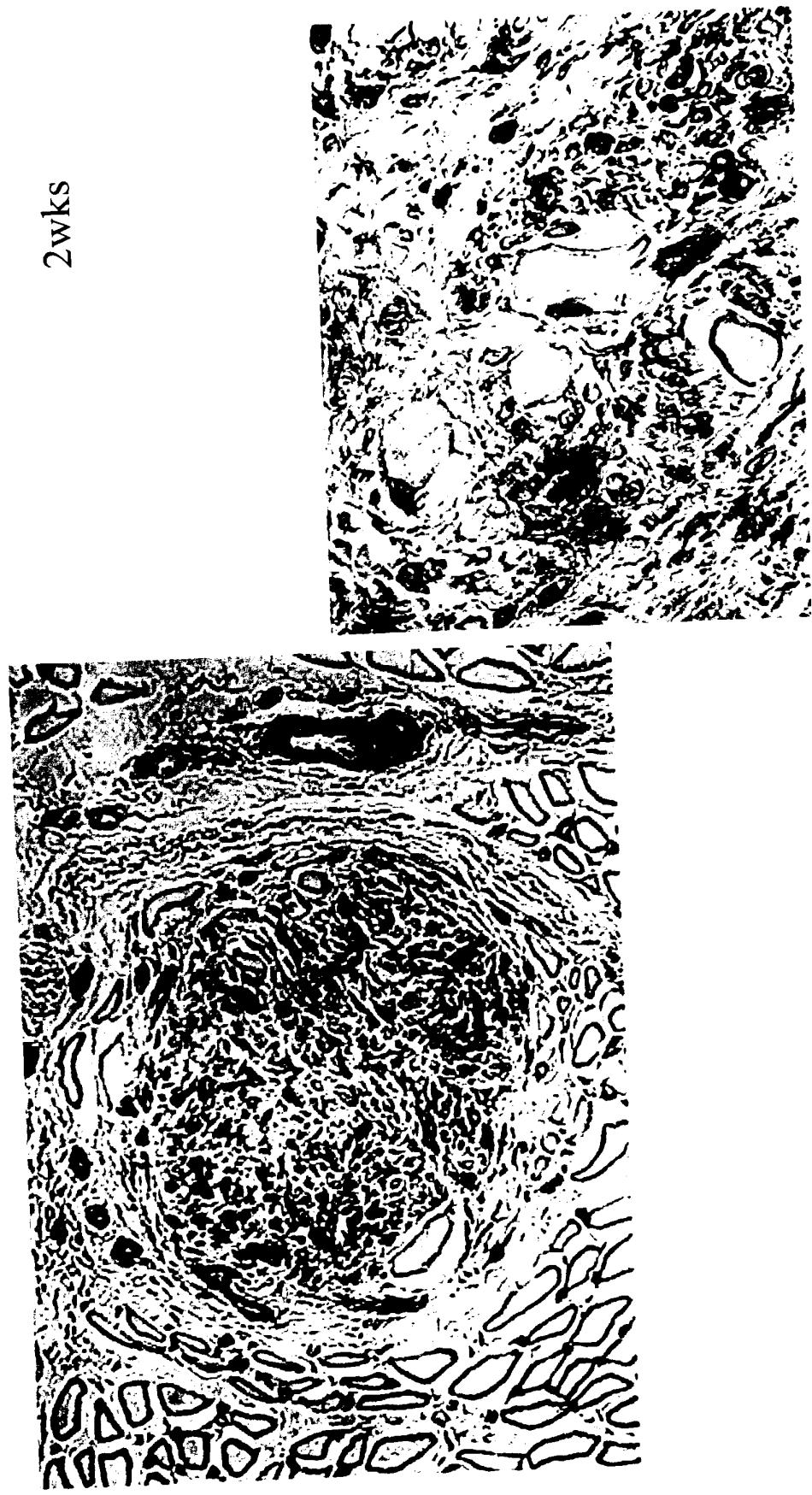


Figure 51

Organogenesis with Neovascularization  
by ELSC in Hindlimb Ischemia



2wks



Figure 52

## CT3F-1(RT-PCR)

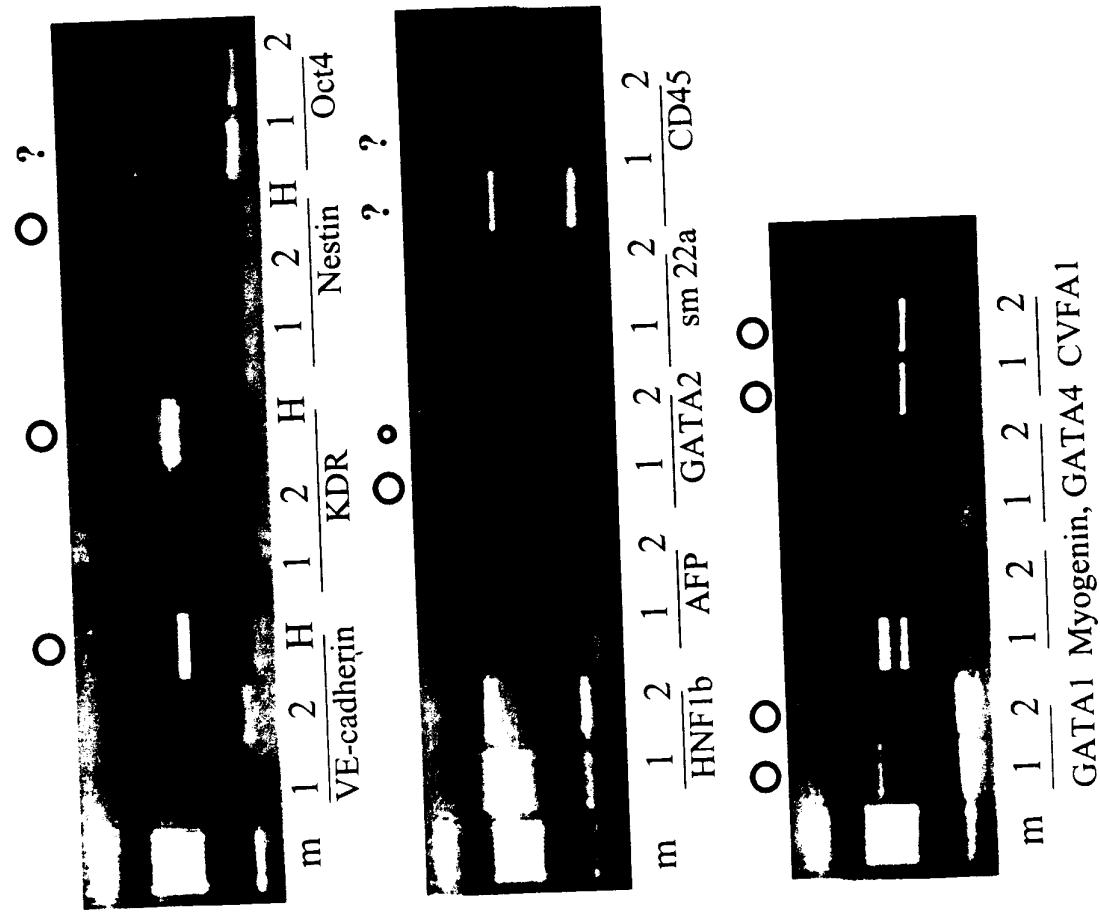


Figure 53

## CT3F-2(RT-PCR)

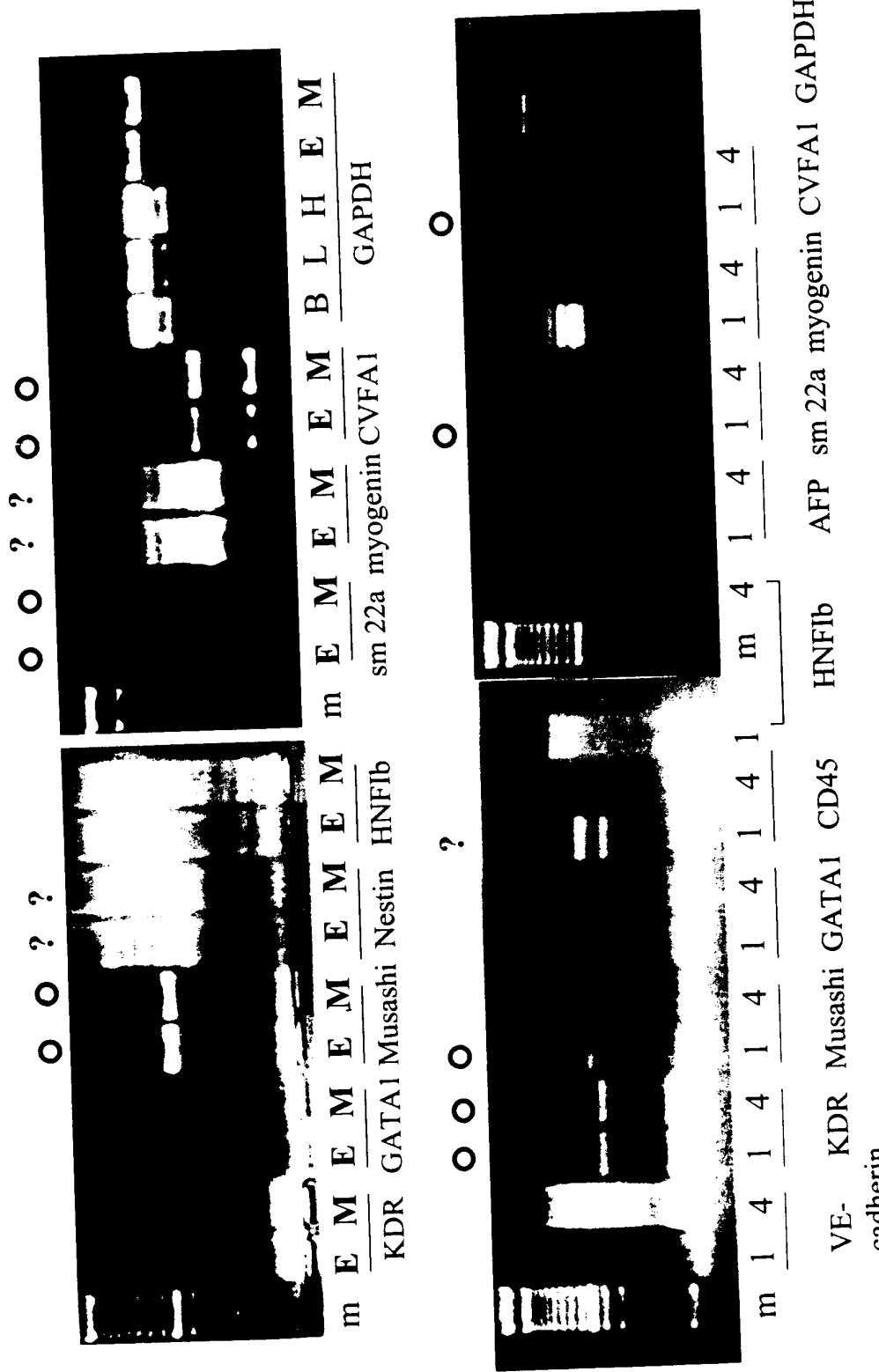


Figure 54

## Positive Control

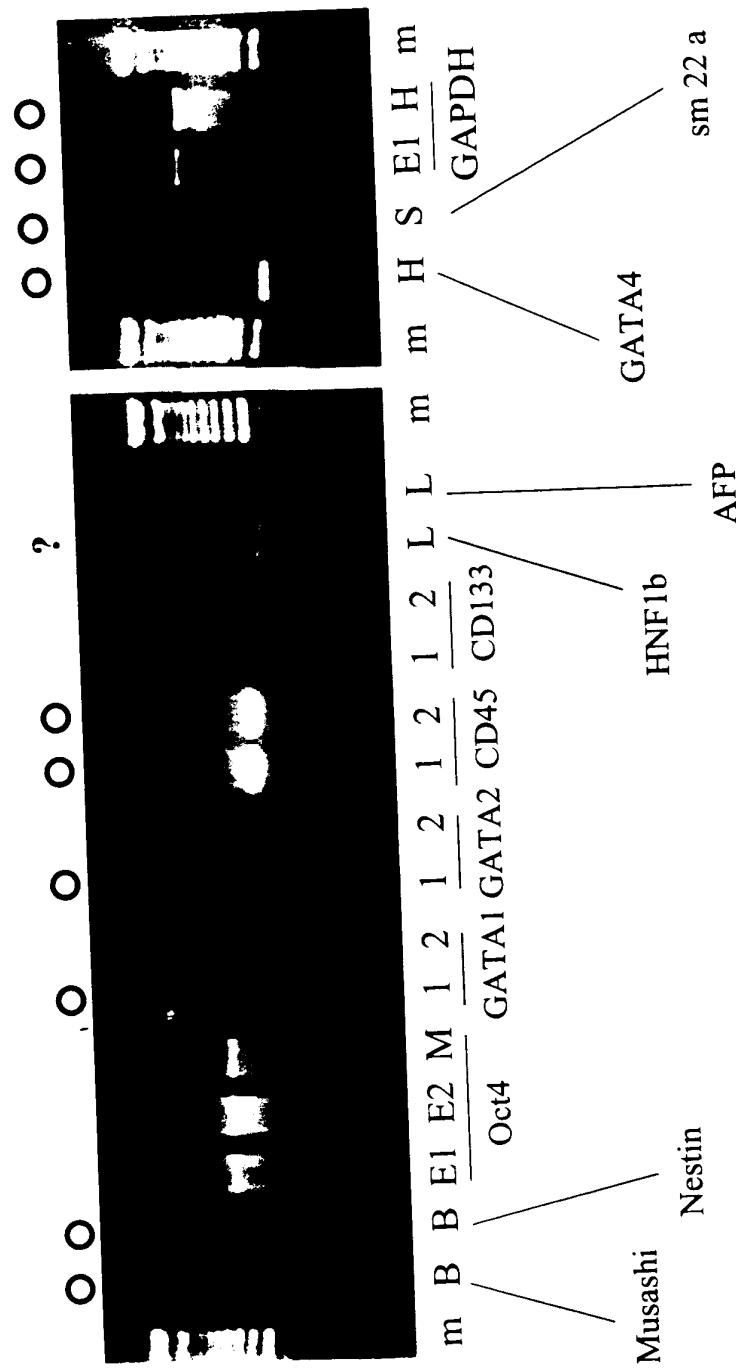
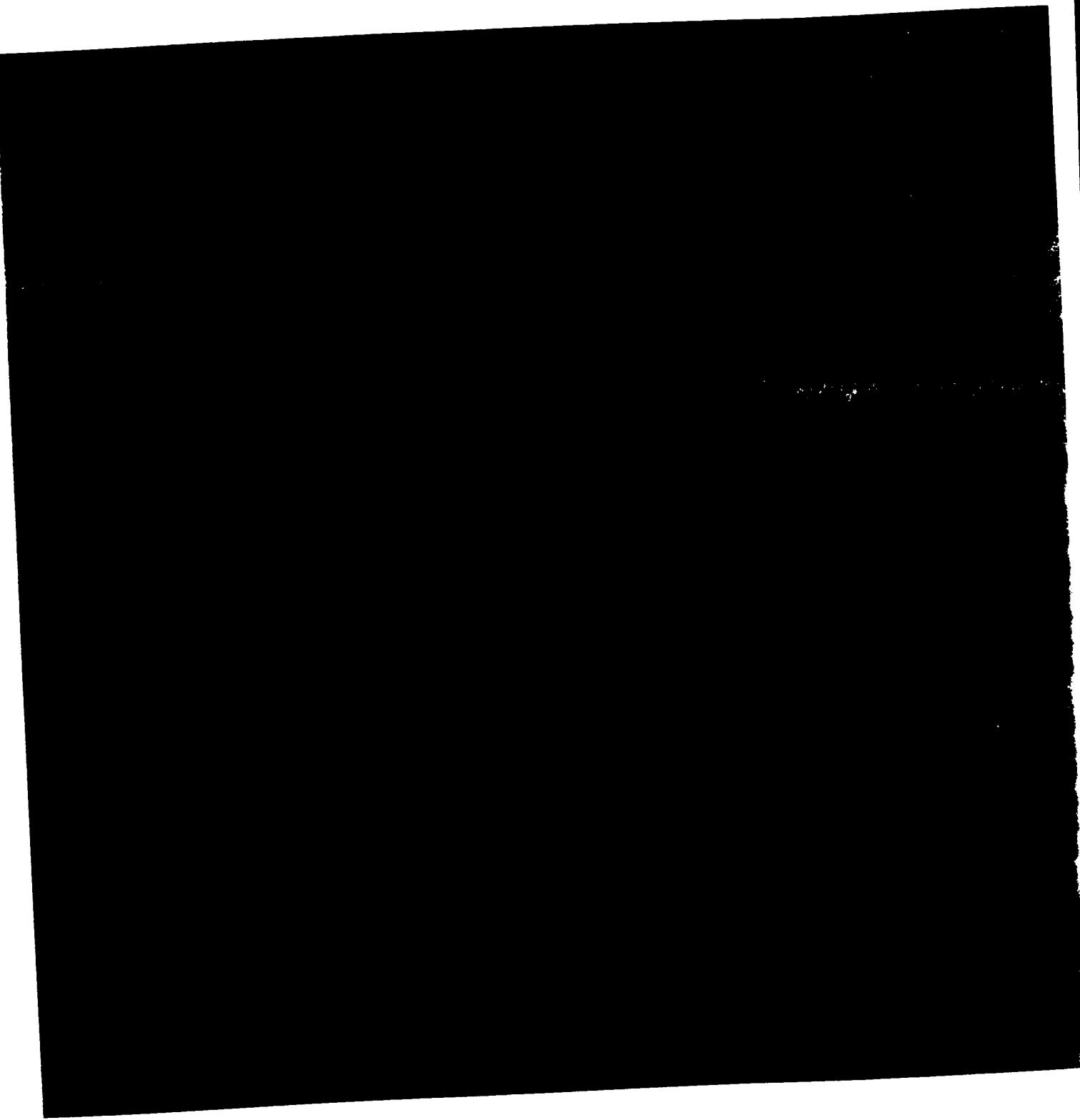
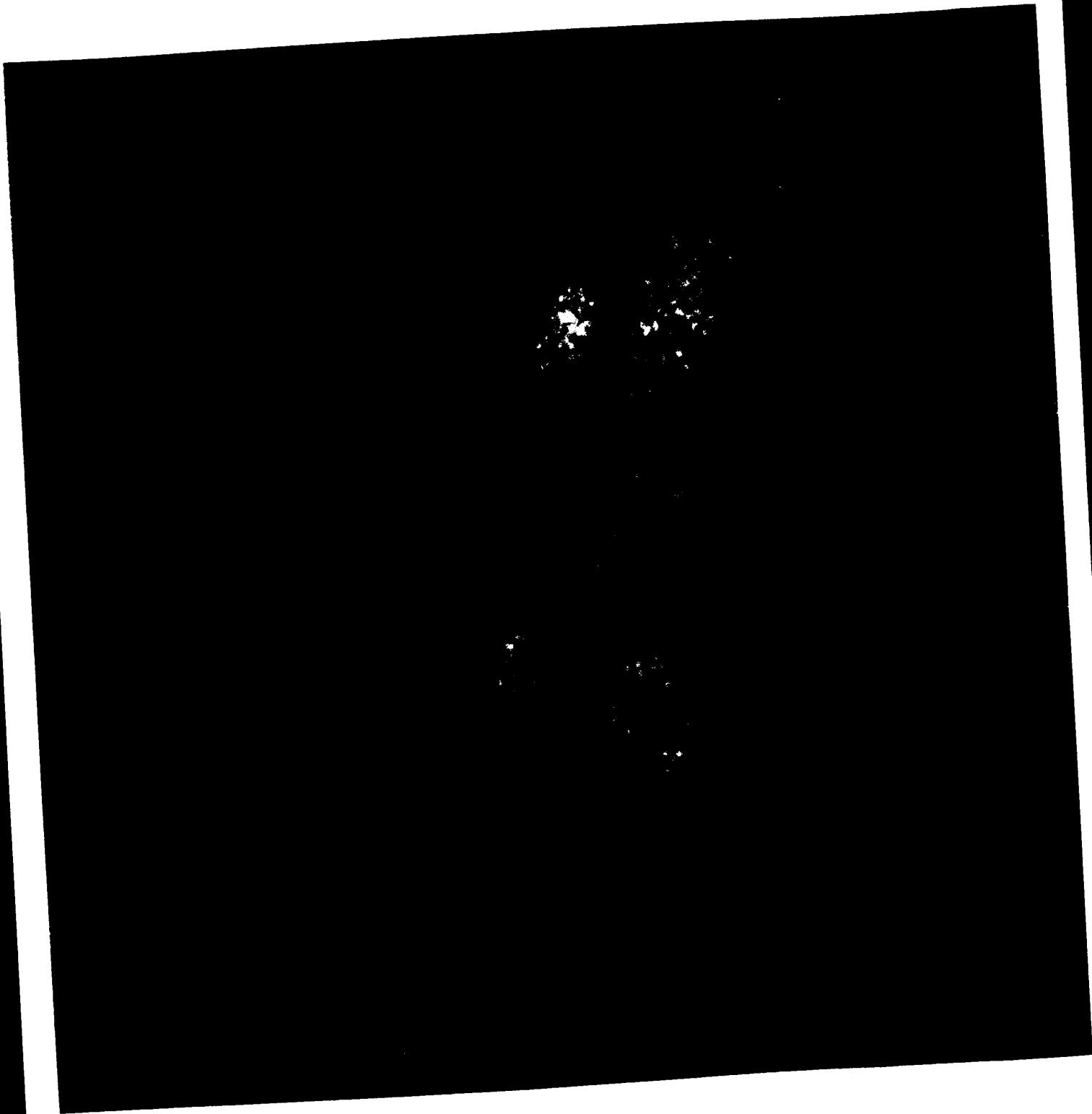


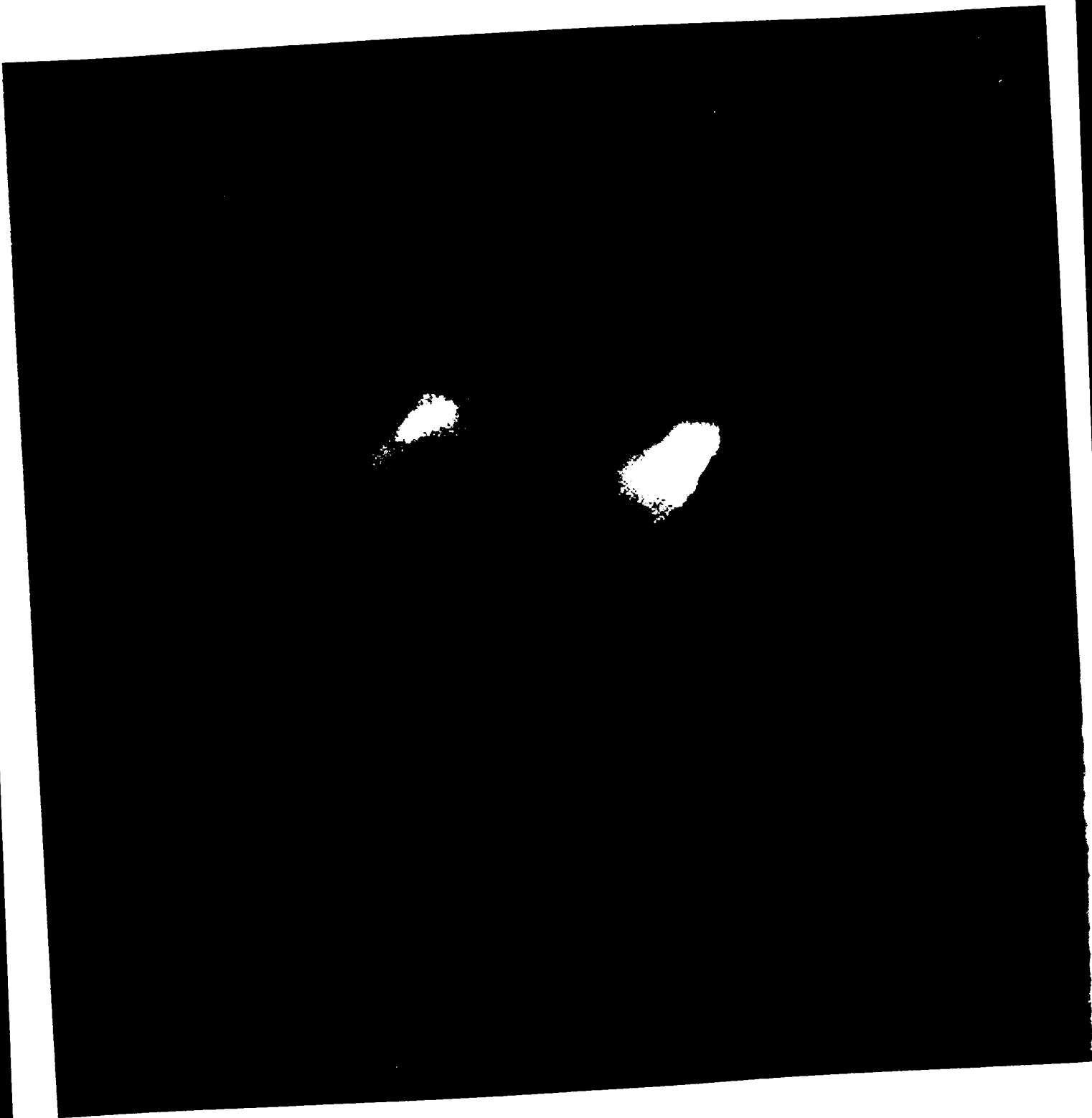
Figure 55



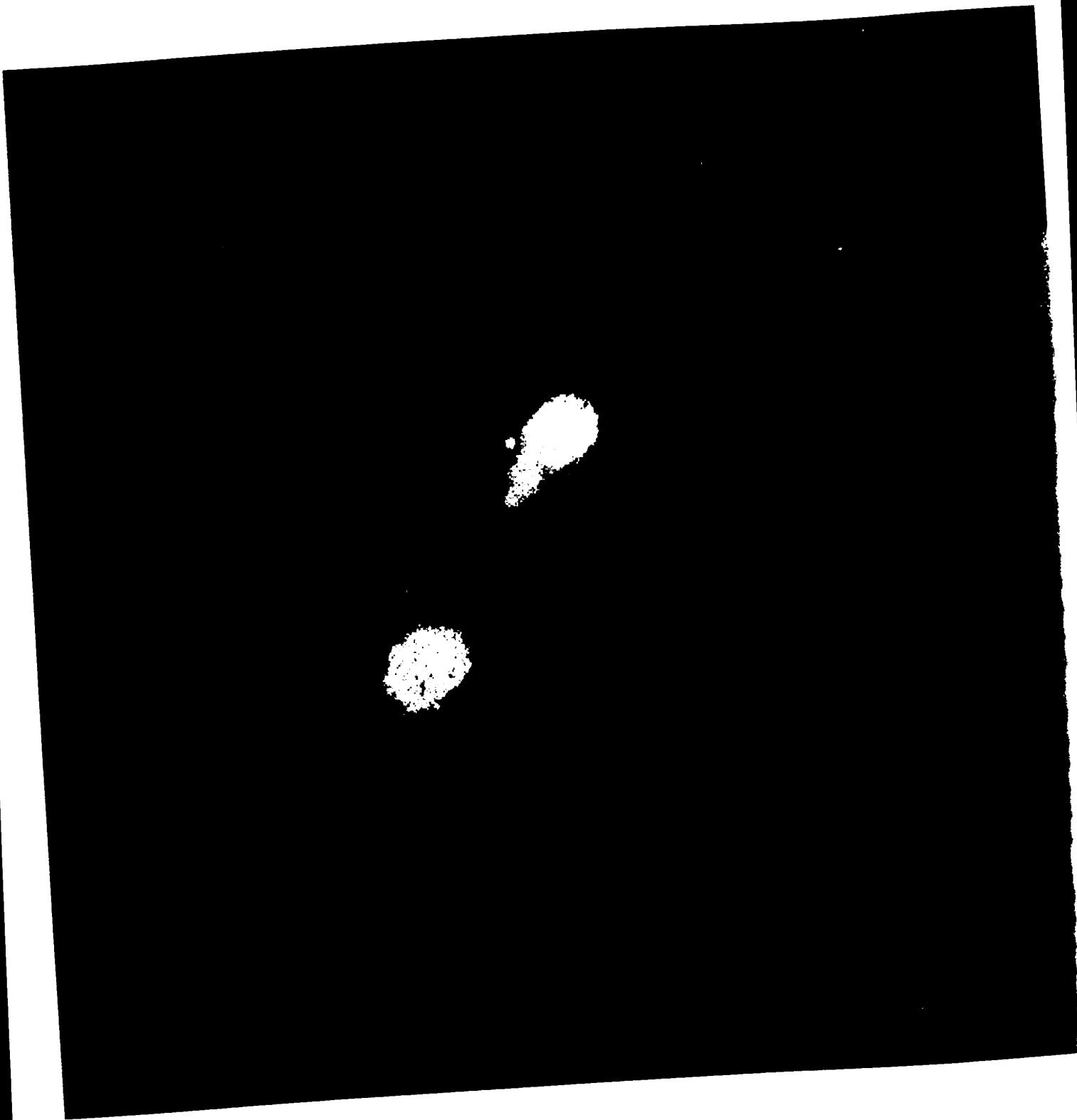
**Figure 56**



**Figure 57**



**Figure 58**



**Figure 59**

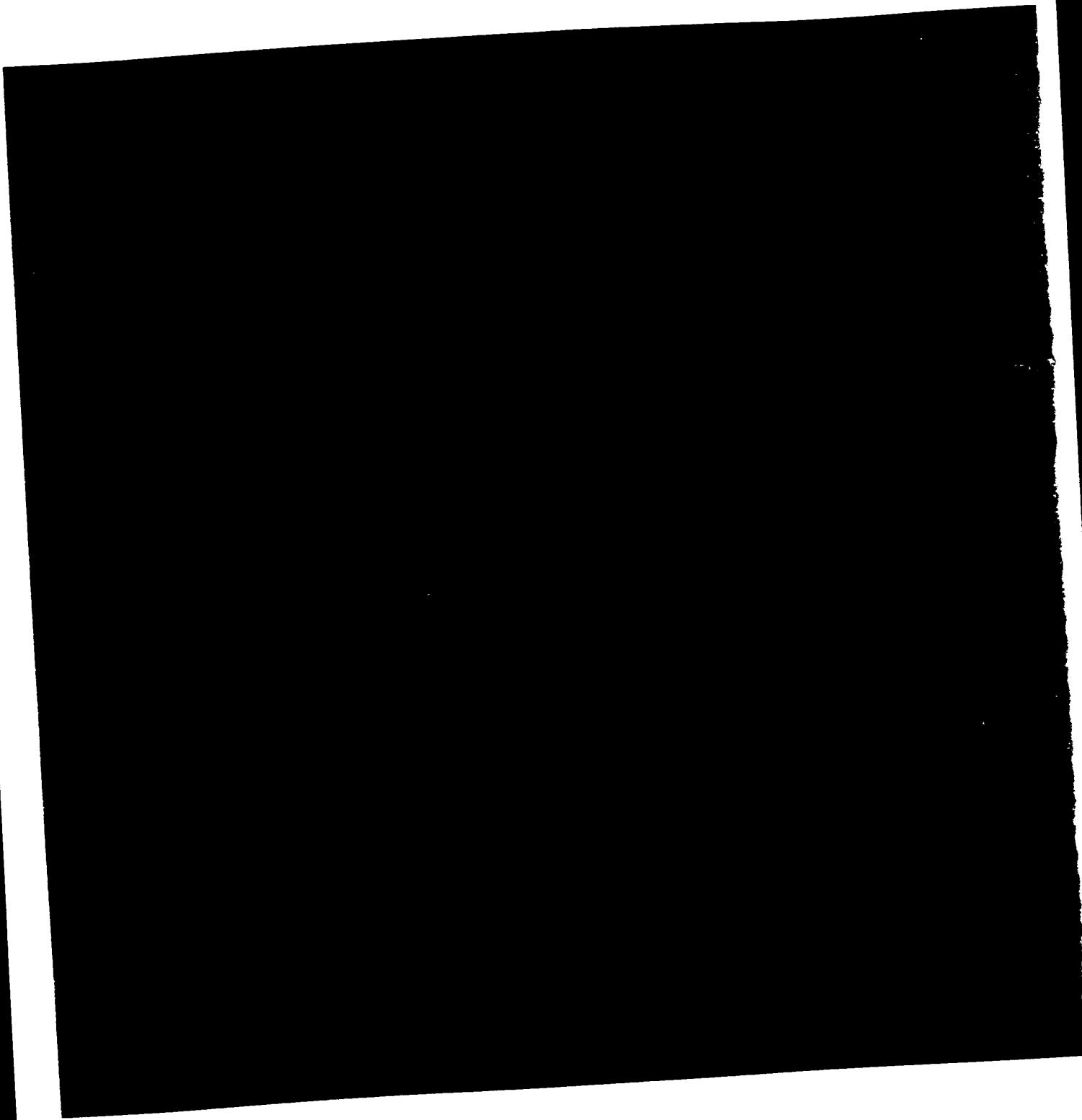
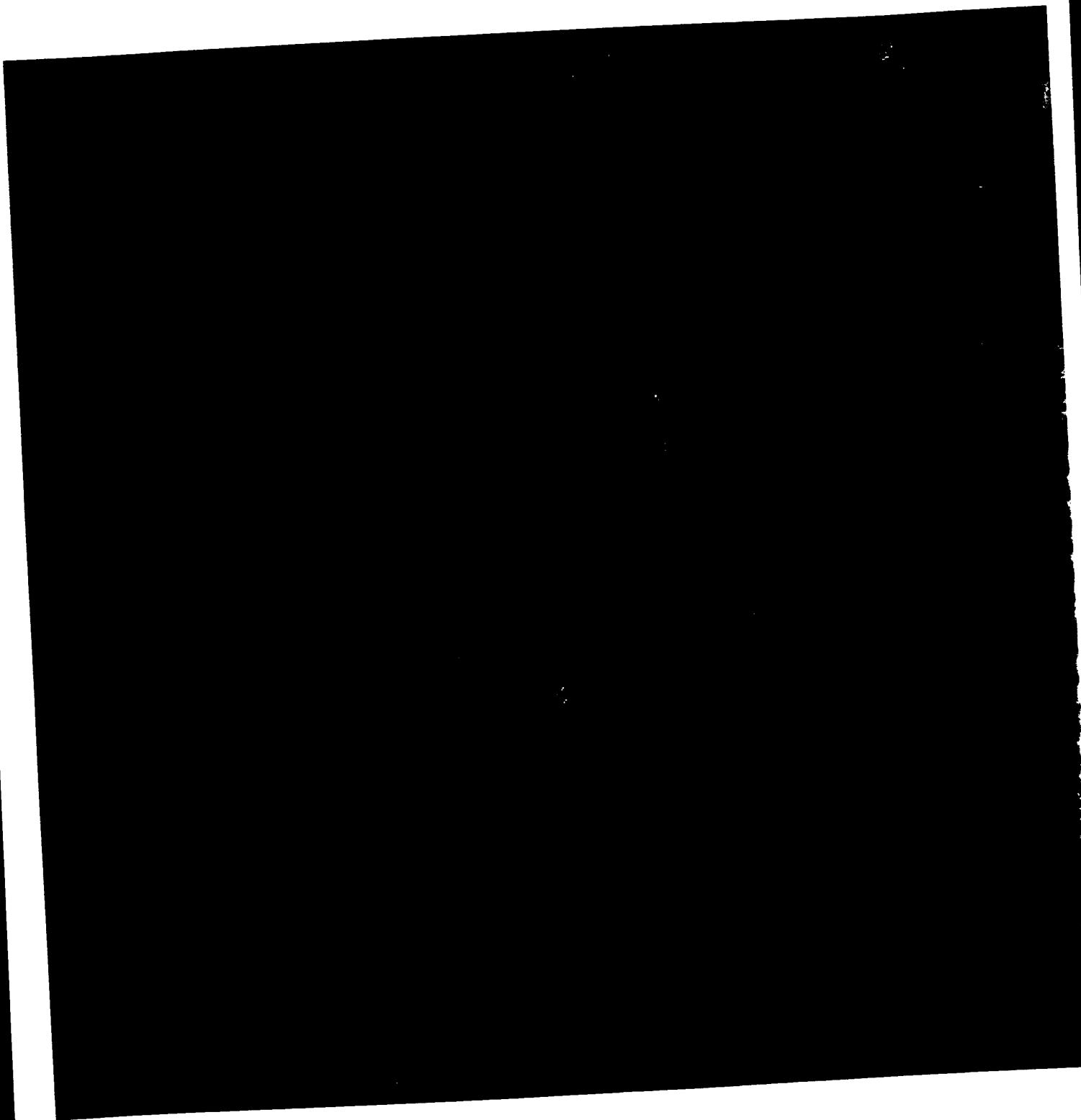


Figure 60



**Figure 61**

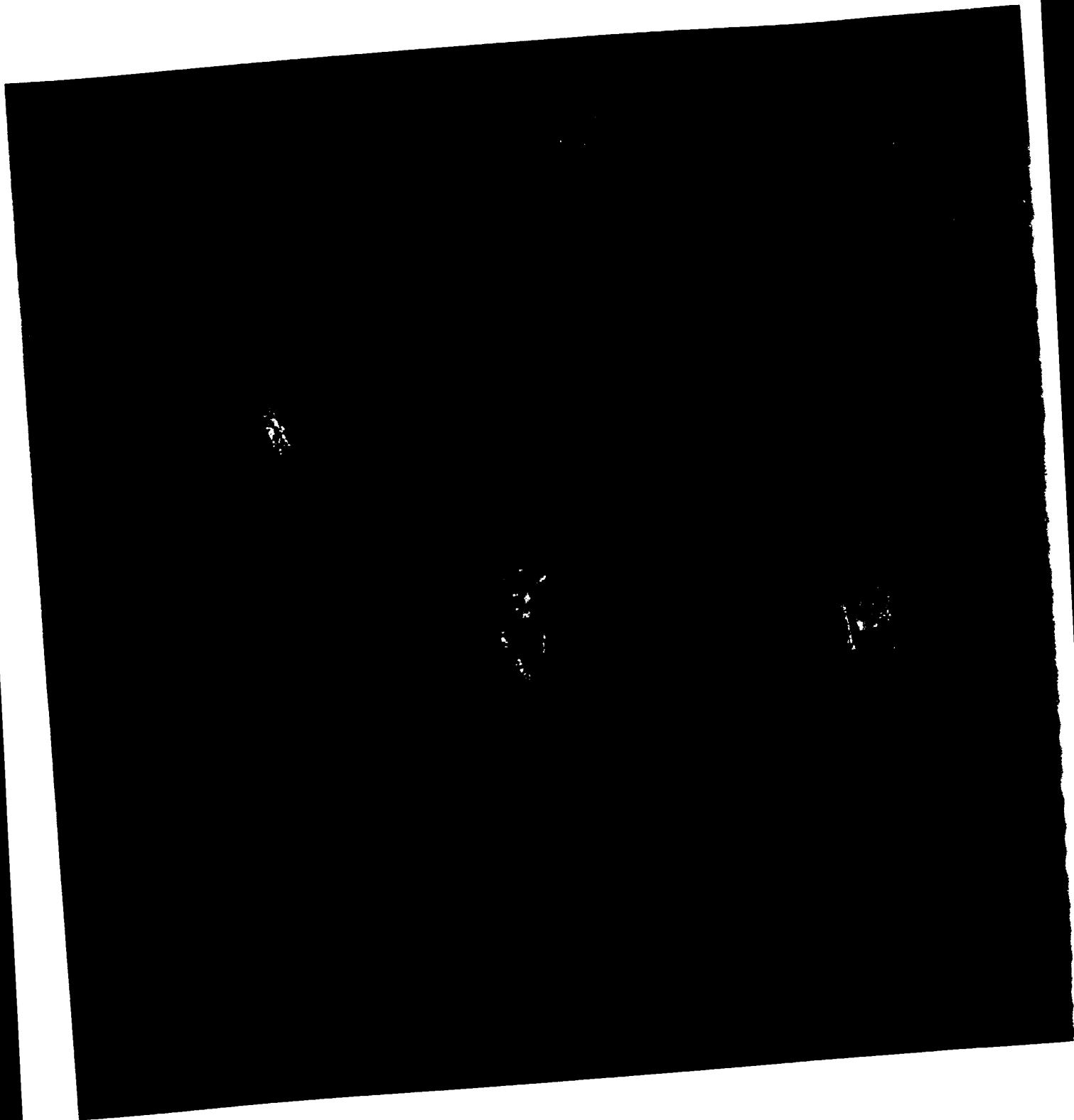
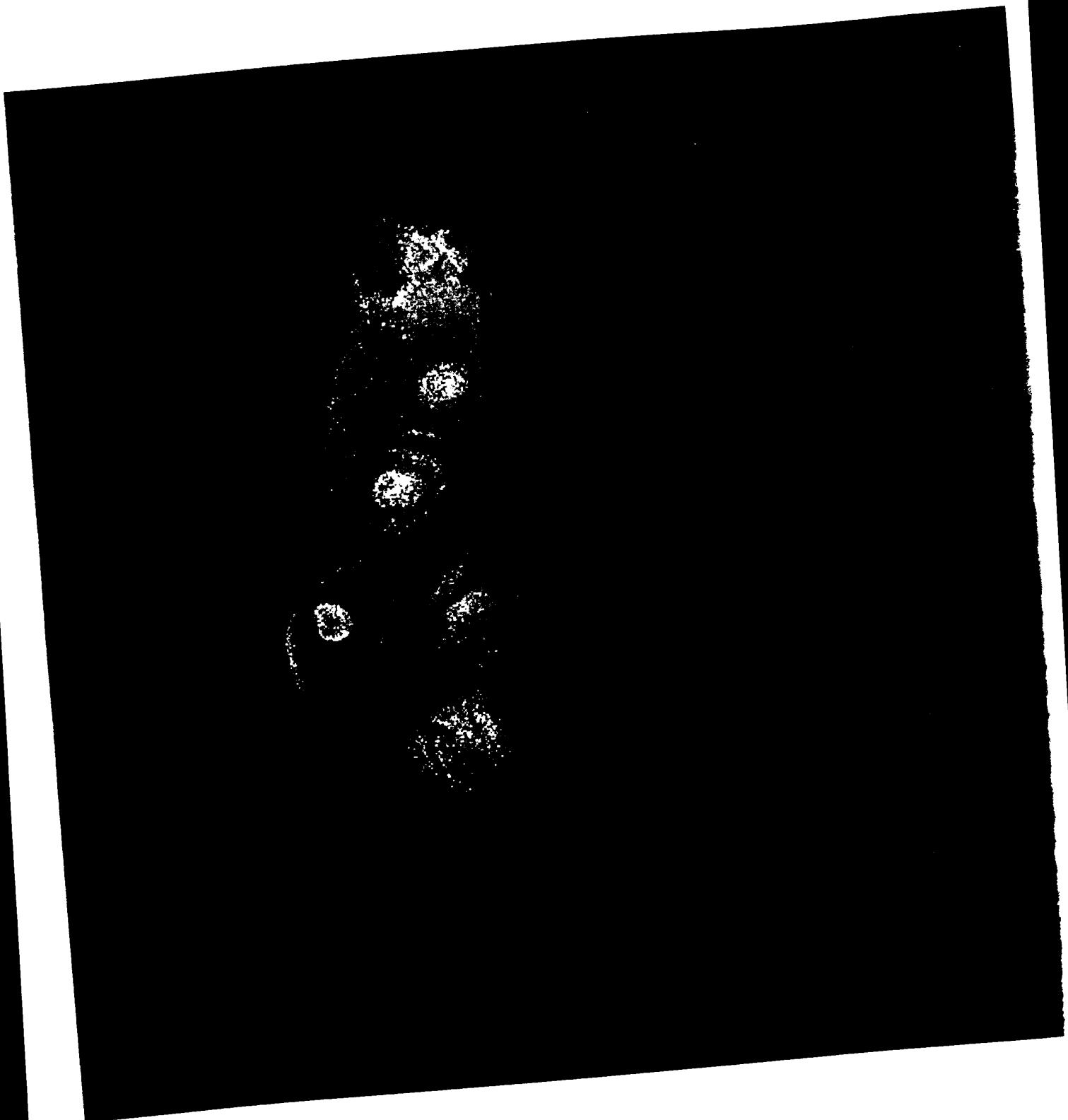


Figure 62



**Figure 63**

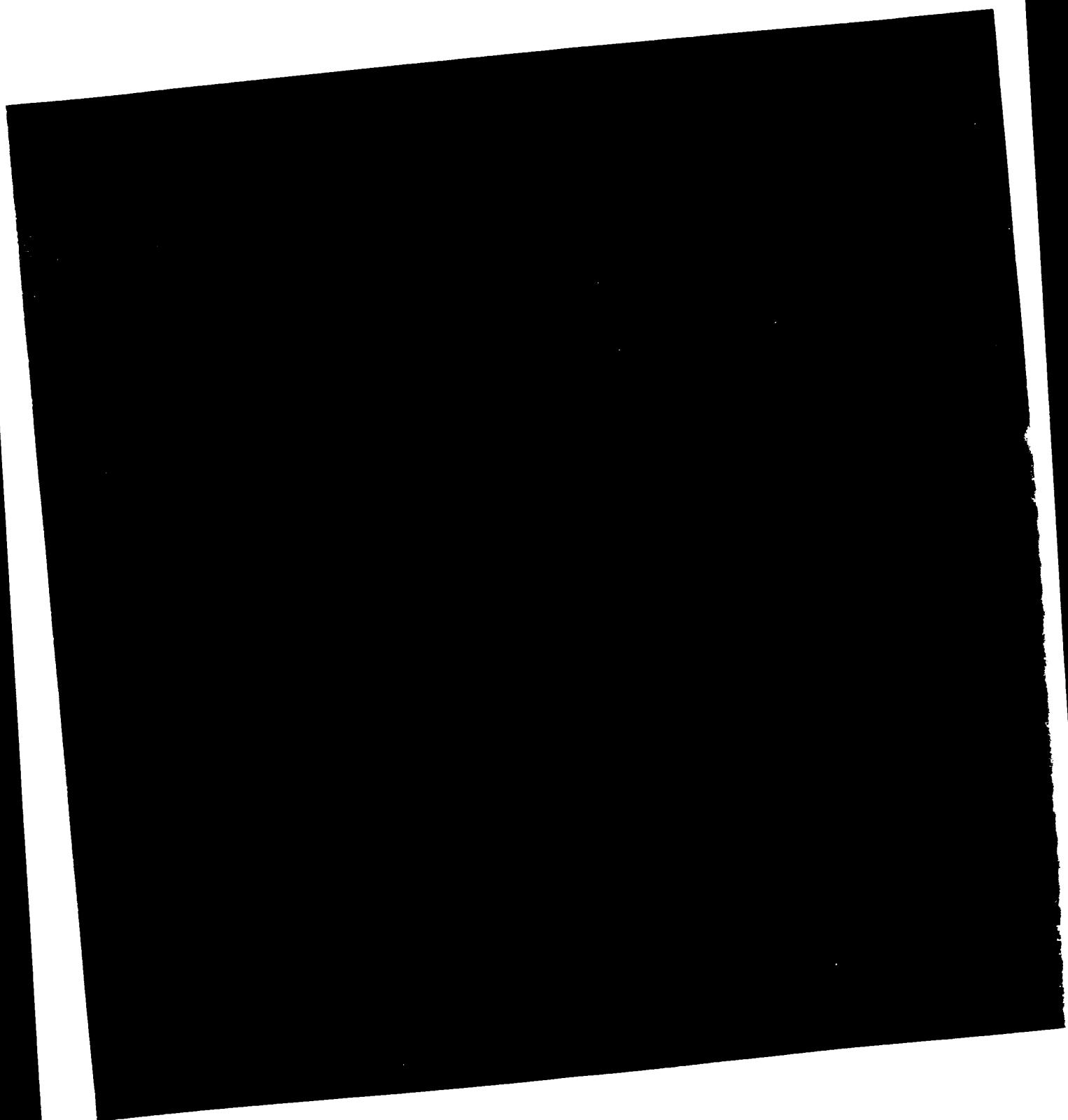


Figure 64

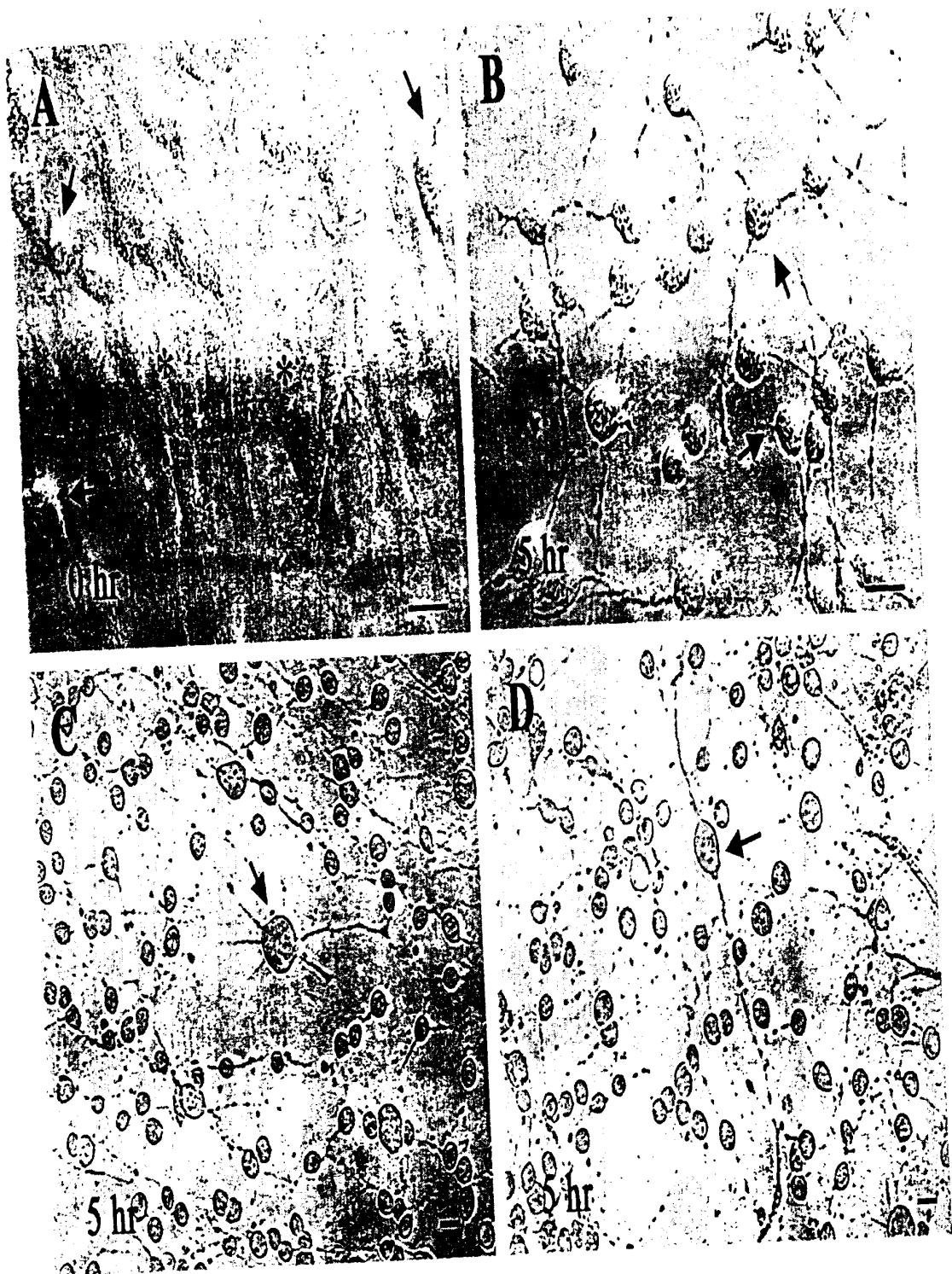


Figure 65

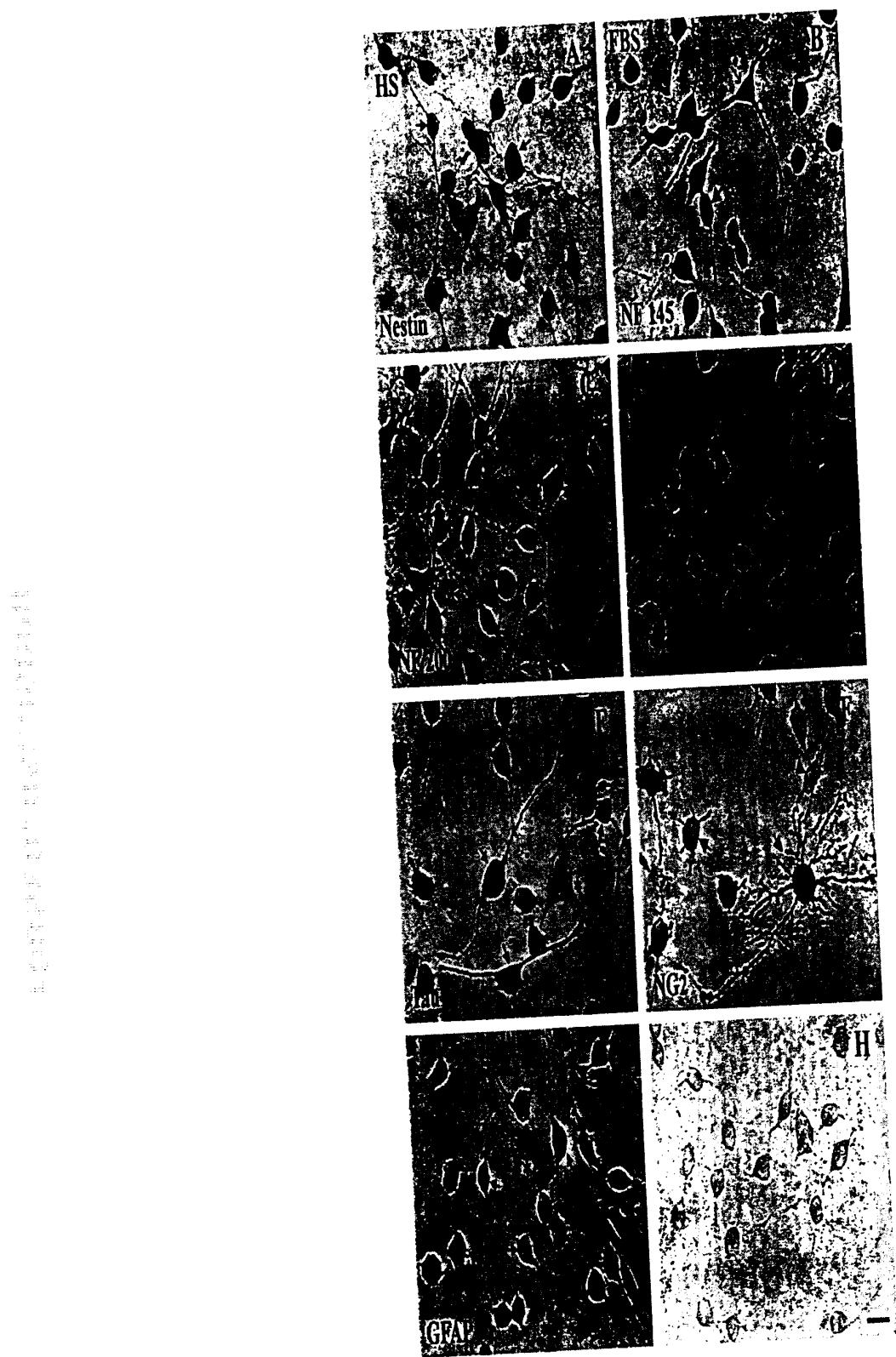


Figure 66

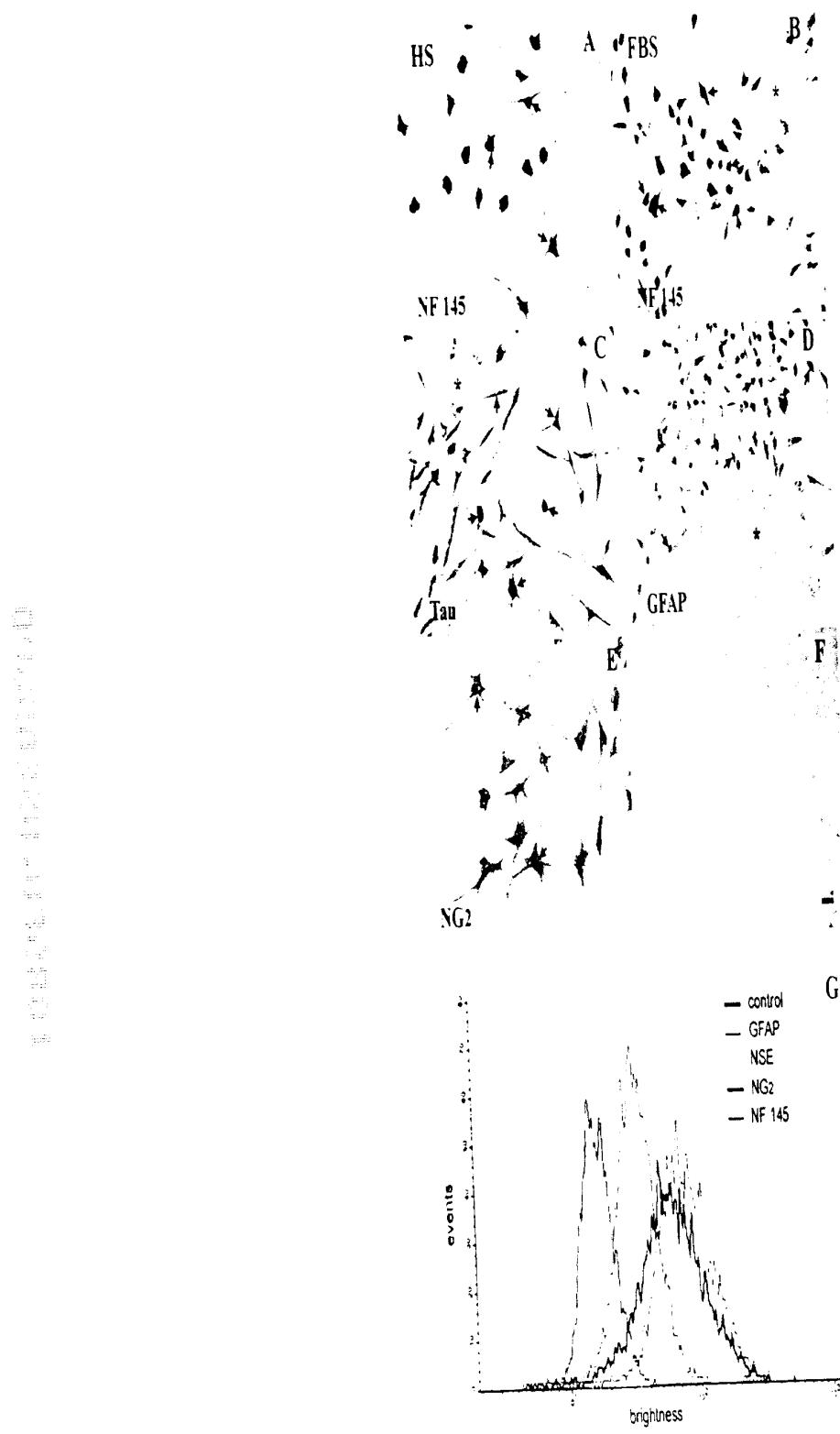


Figure 67

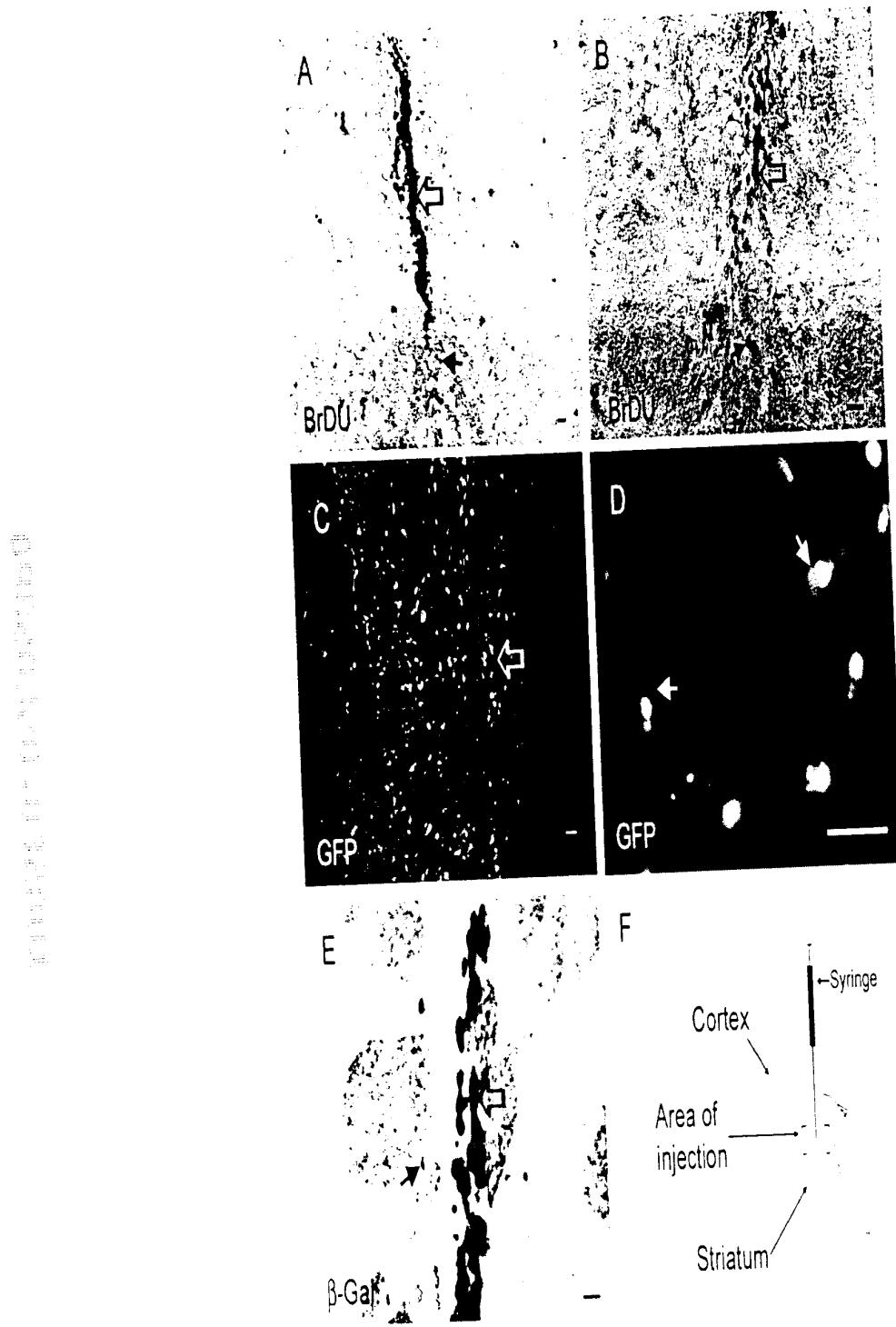


Figure 68

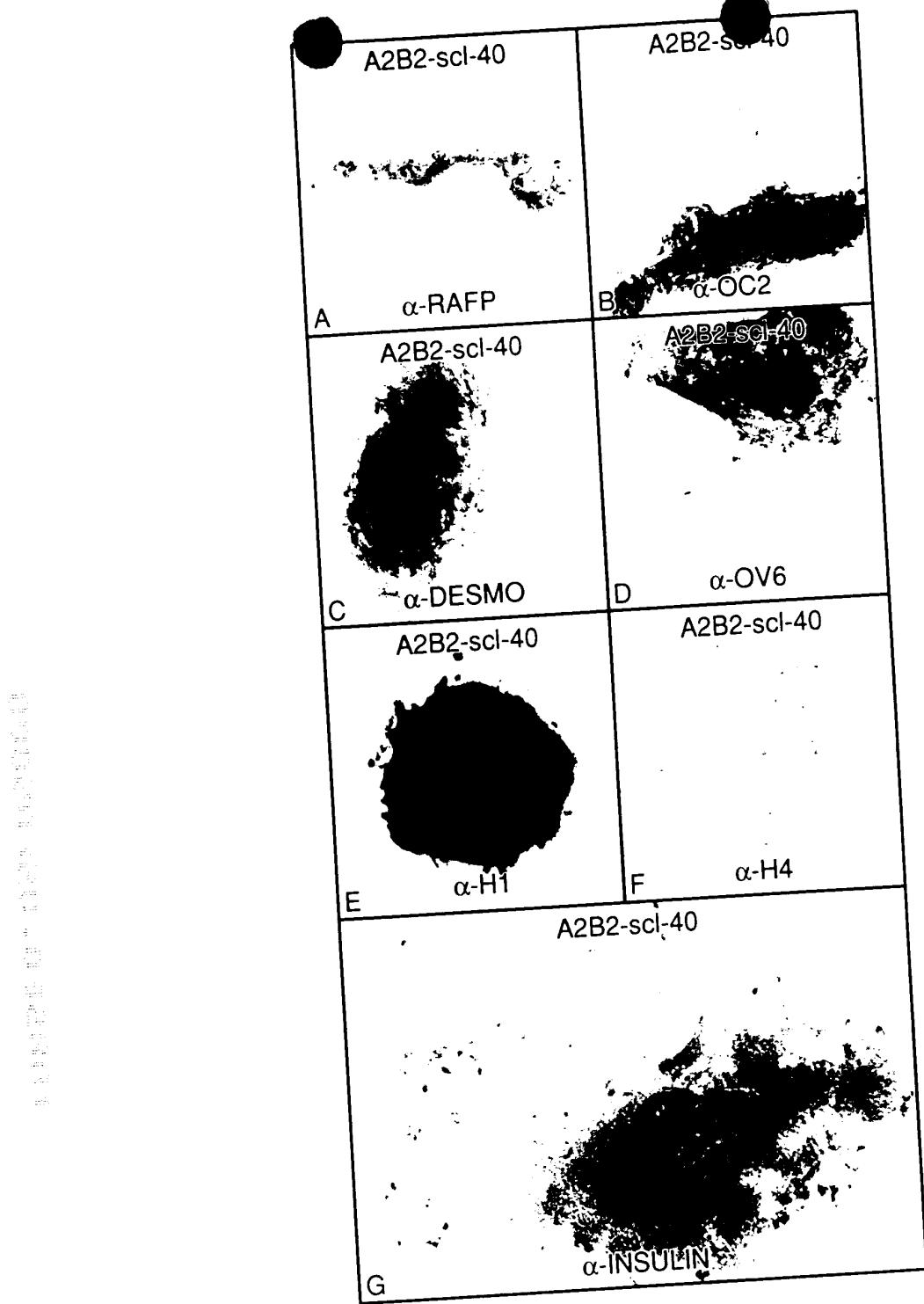


Figure 69

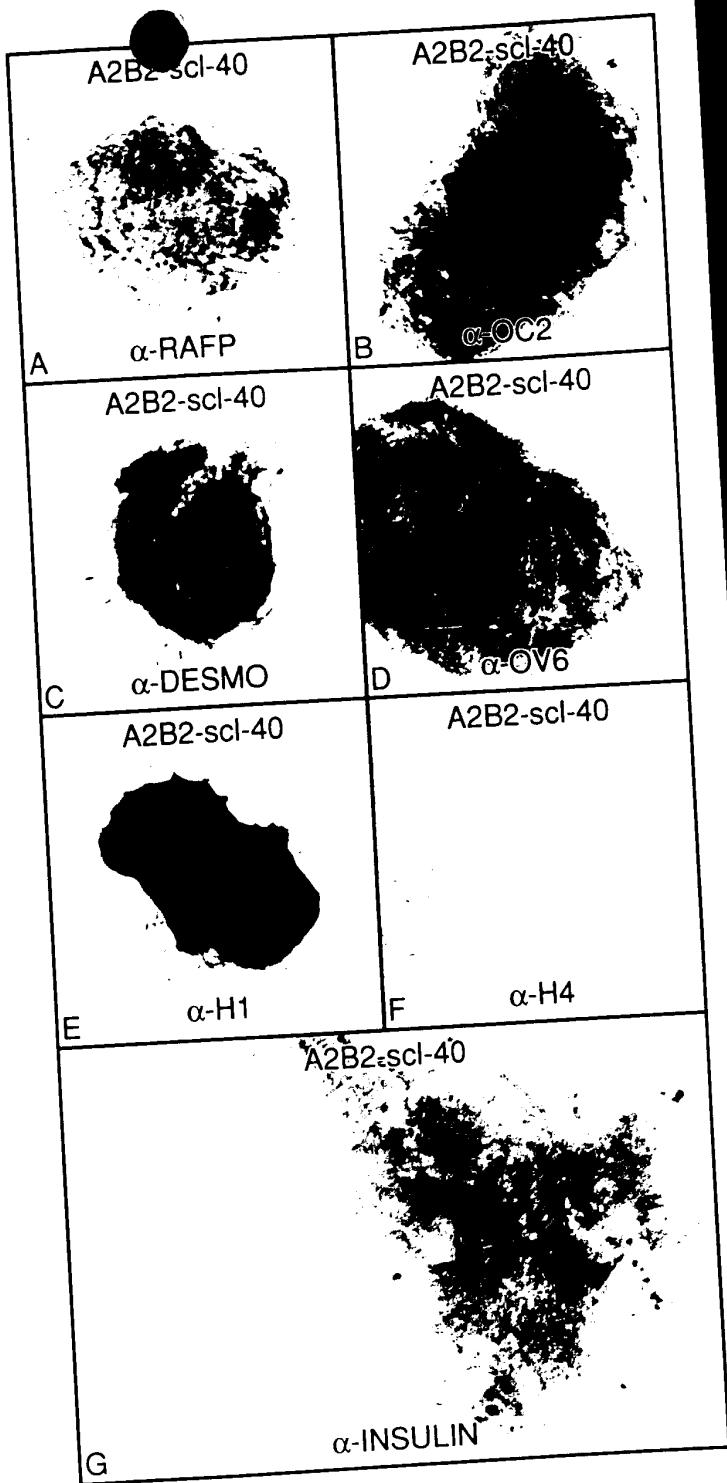
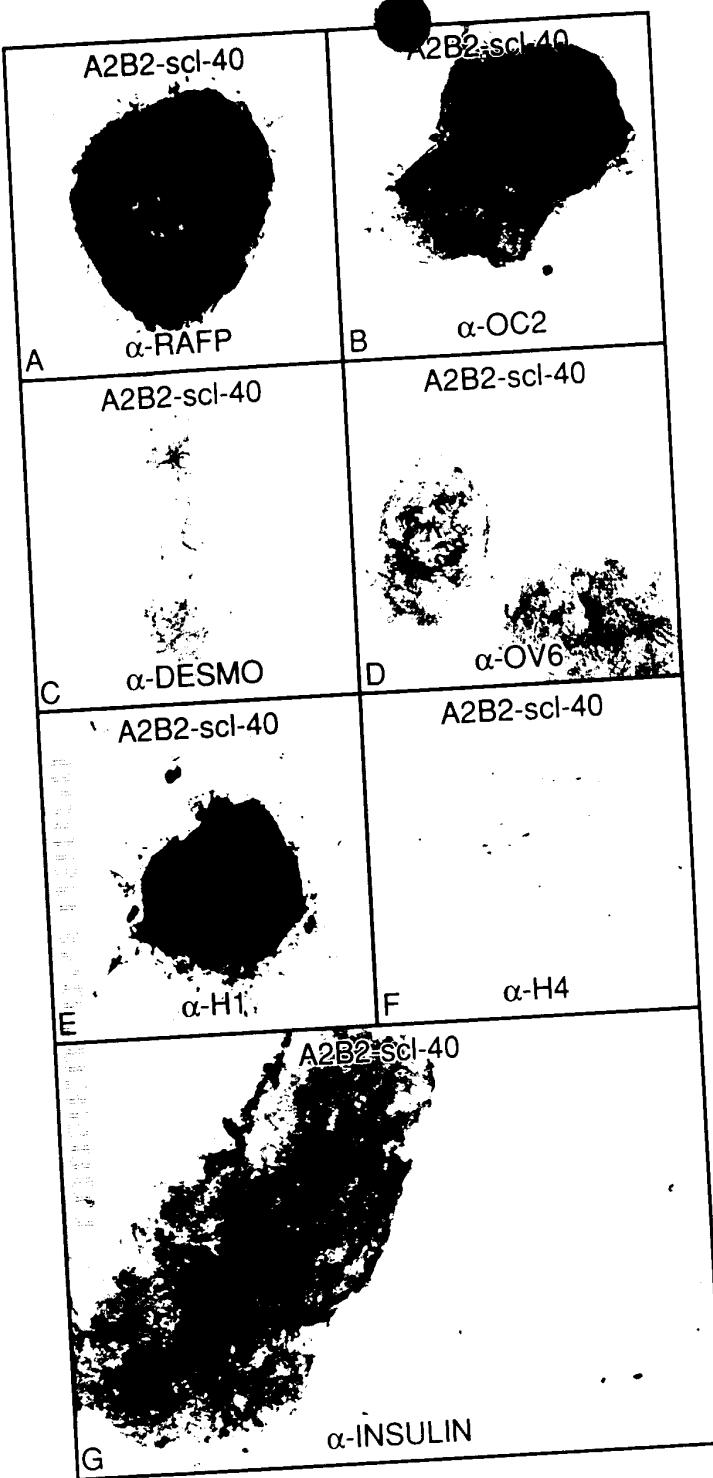


Figure 70

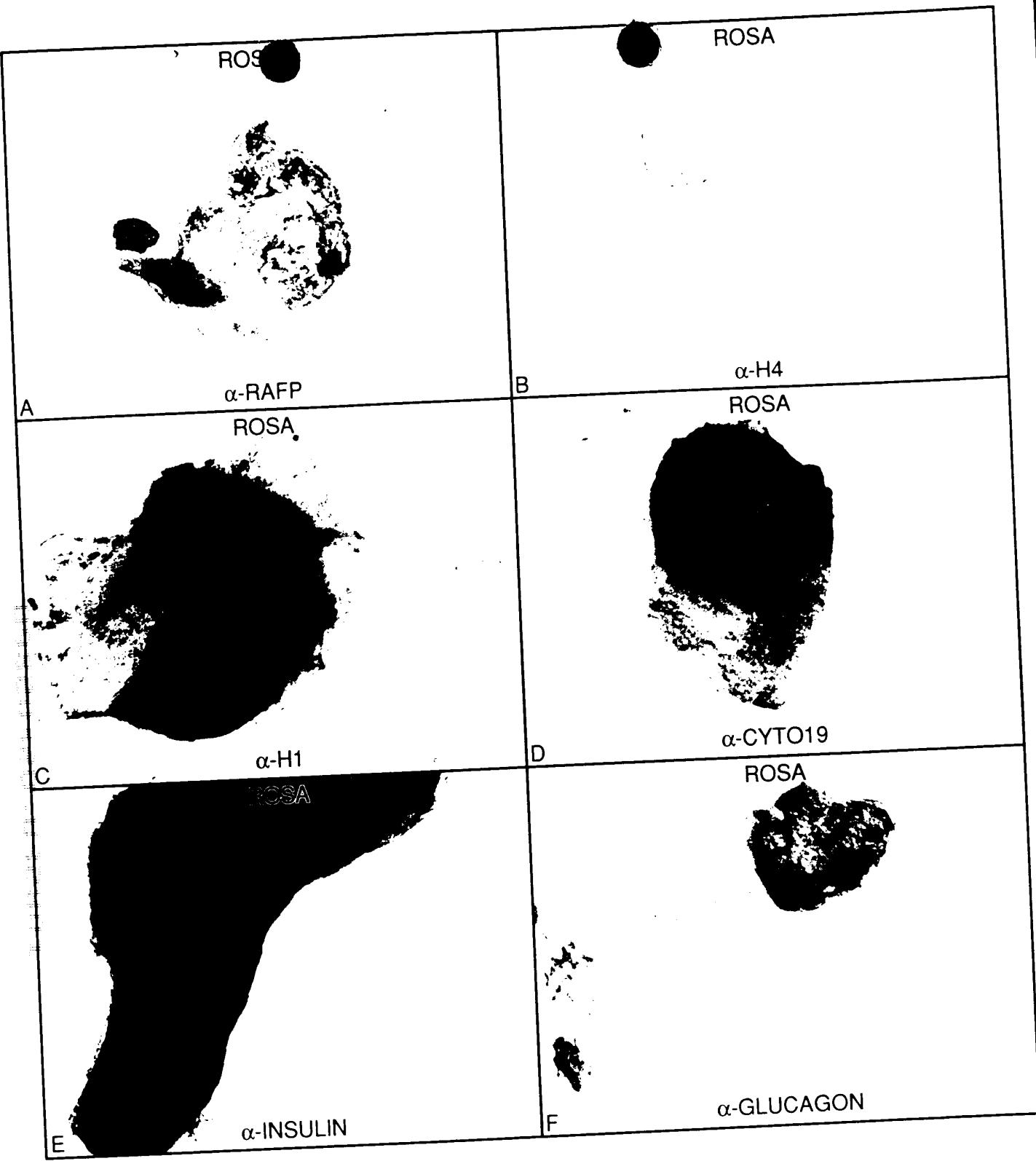


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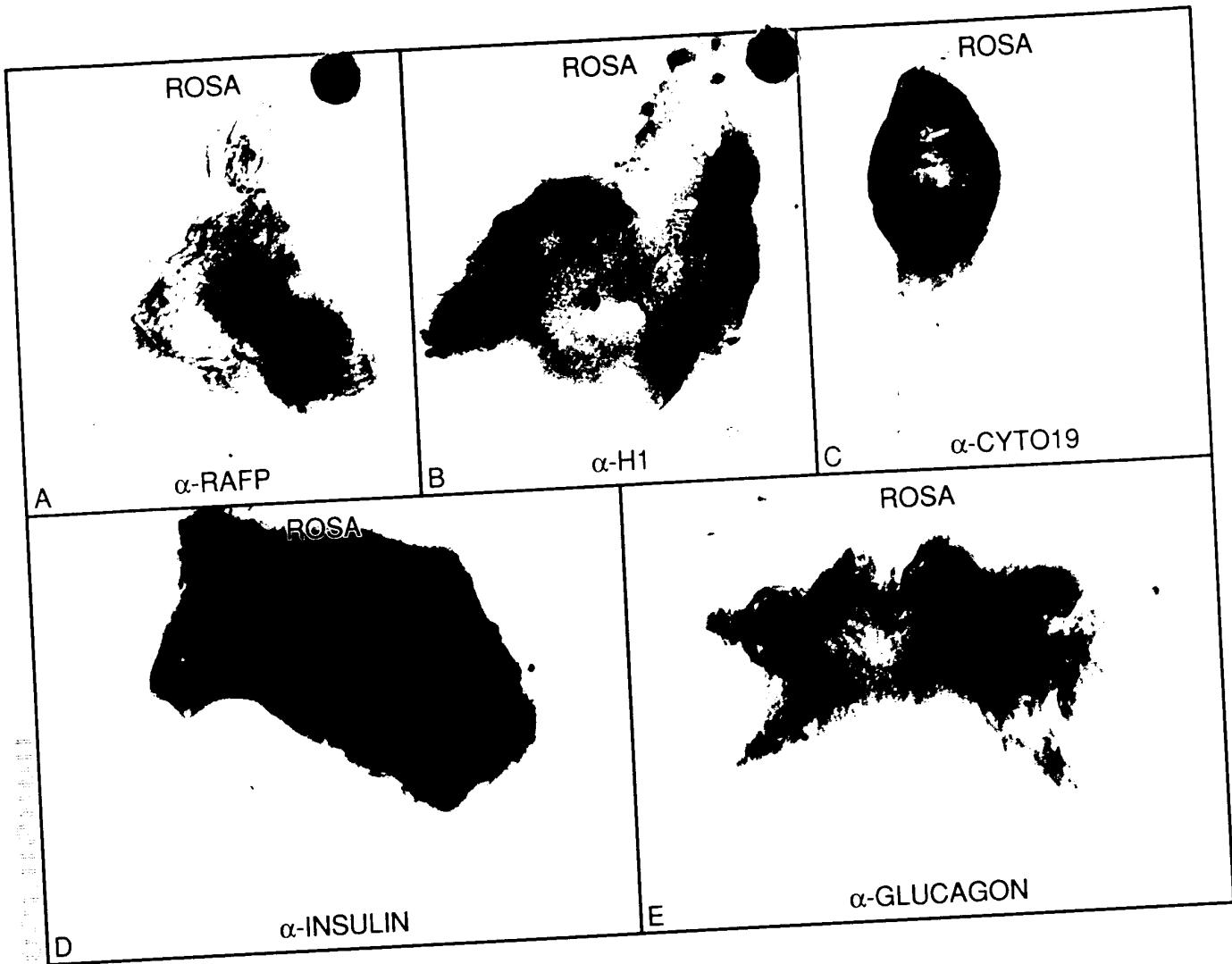


Figure 72

Figure 73

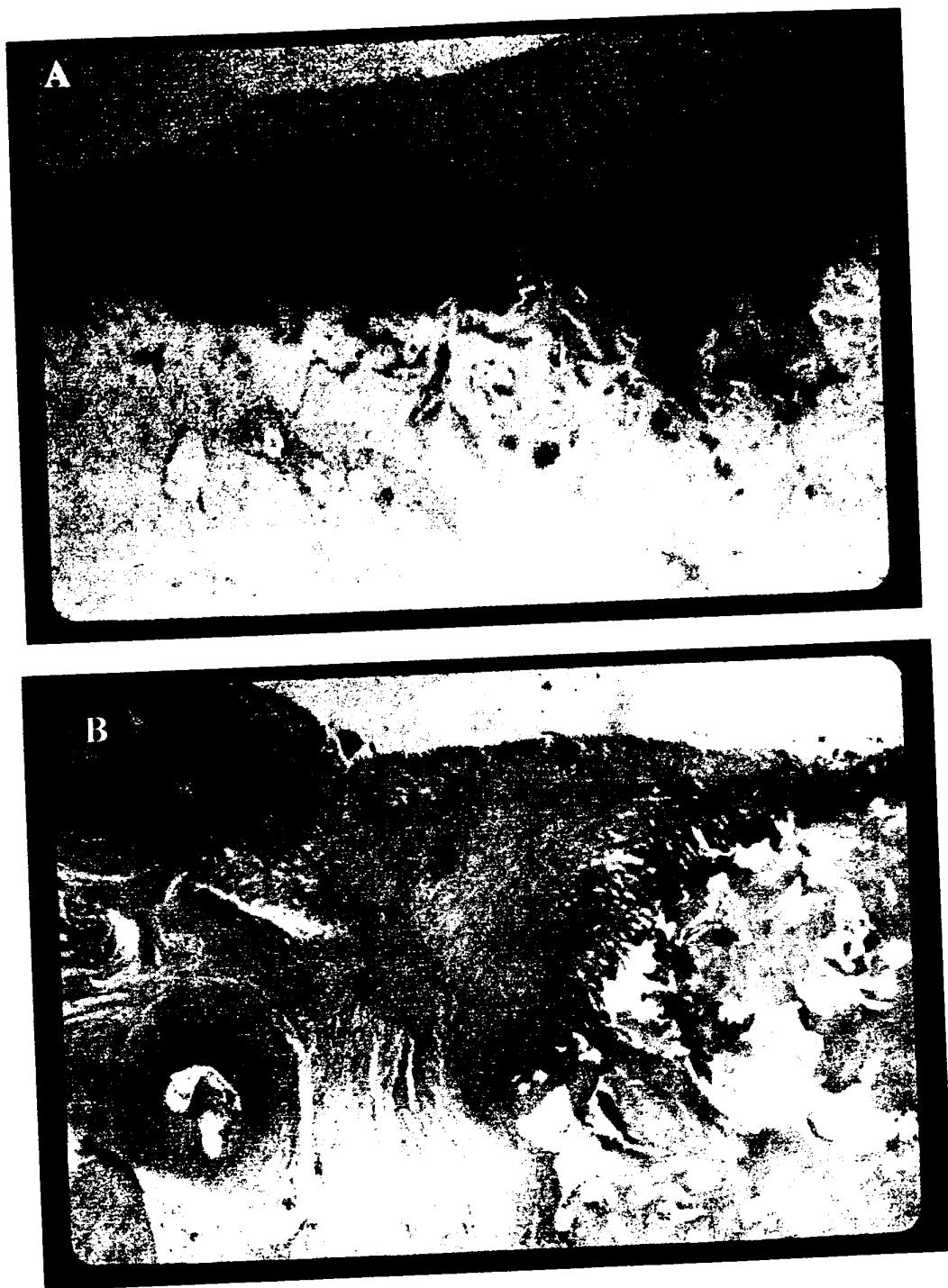


Figure 74



Figure 75

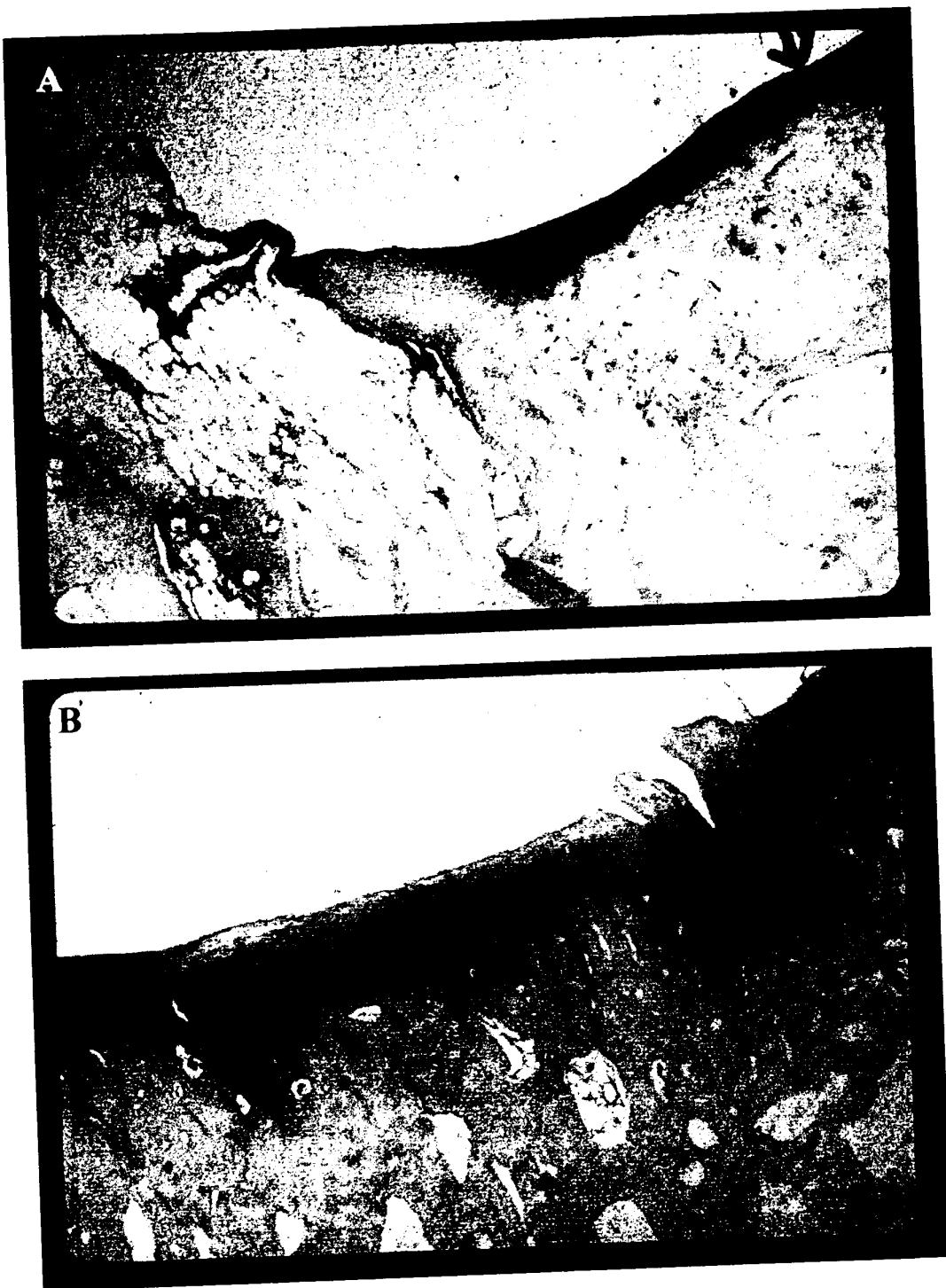


Figure 76

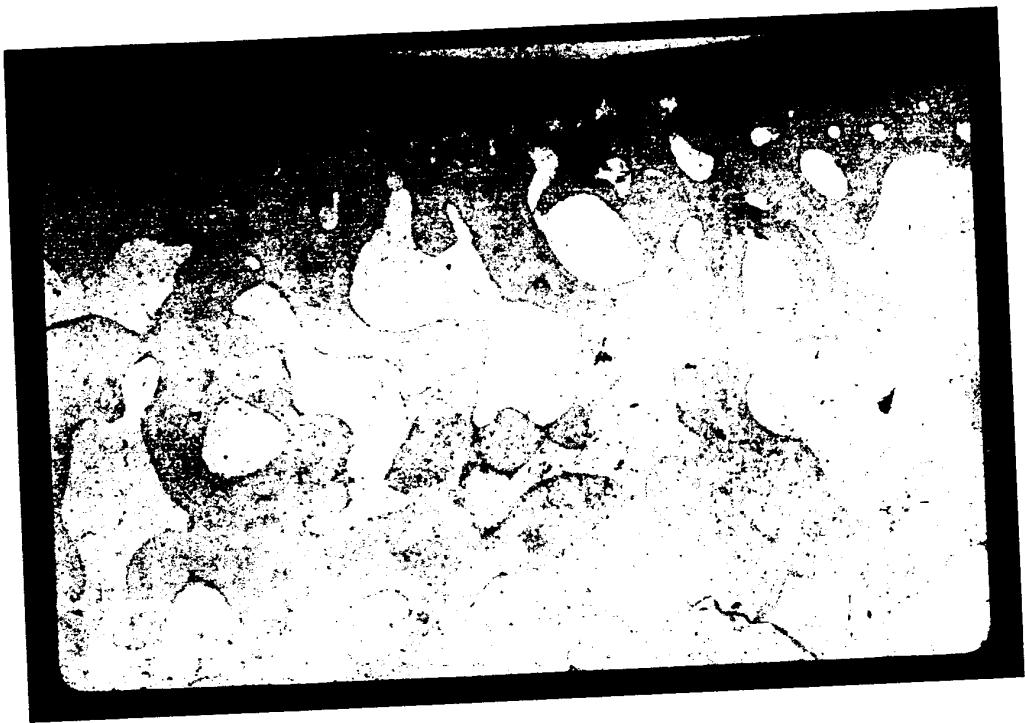


Figure 77



Figure 78



Figure 79

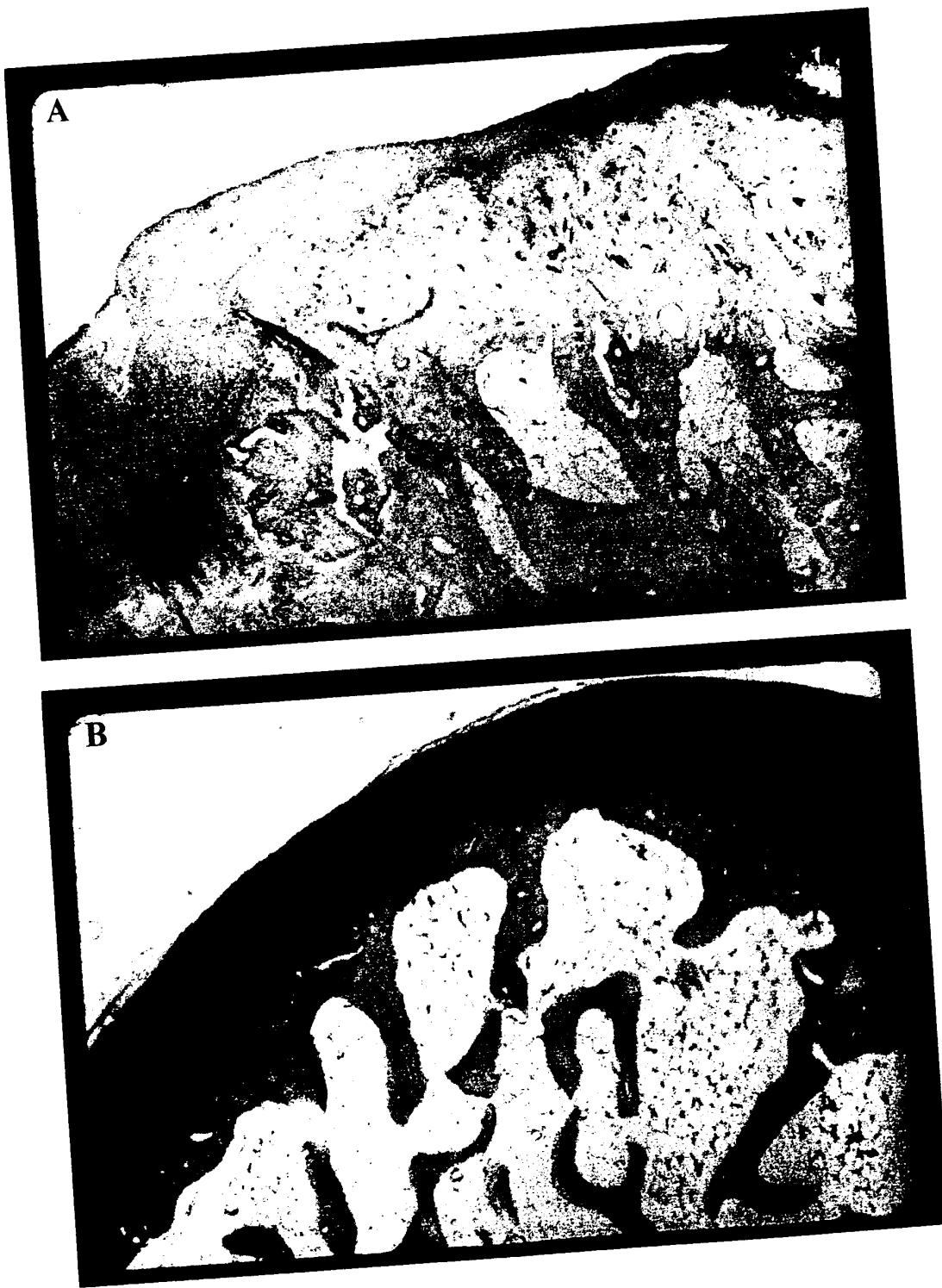


Figure 80

